CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Club, Chicago, Ill., K. M. Vitsthum & Co., archts. soon takes bids, $4,500,000.

College, New York, N. Y., New York University soon takes bids, $3,000,000.

Reservoir, etc., New Britain, Conn., plans reservoir, enlarging dam, etc., $2,500,000.

Apartment, Chicago, Ill., Hooper & Janisch, Archts., soon takes bids $2,500,000.

Loft, New York, N. Y., Trinity Church Corp. having plans prepared, $2,500,000.

Office and lodge, Oakland, Calif., United Masonic Bldg. Assn. having preliminary plans prepared, $2,500,000.

Hotel and theater, Ft. Worth, Tex., J. H. Jones & Associates had plant prepared, $2,000,000.

Harbor Improvement, Hollywood, Fla., bond election June 10 for bonds, $2,000,000.

Sewers, Ft. Wayne, Ind., city making plans for sanitary sewers, $2,000,000.

Theater, store and office, Chicago, Ill., Z. E. Smith, Archt. soon takes bids, $2,000,000.

Synagogue and community center, Chicago, Ill., Temple Sholom Congregation, $1,600,000.

Hotel, Kansas City, Mo., Knickerbocker Hotel Co. having plans prepared, $1,600,000.

Sewer, Washington, D. C., Dist. Comrs. appropriated $1,185,000.

Theater, store, and office, Chicago, Ill., Z. E. Smith, Archt. soon takes bids, $1,250,000.

Pipe line, Texas, Humble Oil Co., Houston, Tex., having preliminary surveys made, $1,000,000.

Office, New York, N. Y., Fortieth Street and Park Avenue Corp. having plans prepared, $1,000,000.

Hotel, Mineral Wells, Tex., Crazy Well Hotel Co. having plans prepared, $1,000,000.

Temple, Ft. Worth, Tex., Masonic Temple Co. having plans prepared, $1,000,000.

Temple, Dallas, Tex., Masonic Temple Corp. plans building, $1,000,000.

Club, Ensenada, Calif., Interests represented by K. E. Preuss, et al, Los Angeles, having preliminary plans prepared, $1,000,000.

Bids Wanted

Apartment, Chicago, Ill., June 16 by Childs & Smith, Archts. for Baird & Warner, $2,000,000.

Contracts

Office and garage, Chicago, Ill., Building Construction Employers Assn. to J. Griffiths & Son Co., $4,000,000.

Hotel, Long Beach, N. Y., W. N. Reynolds to United Fireproofing Co., $2,500,000.

Terminal and office, Long Island City, N. Y., Pennsylvania R.R. Co. to Turner Constr. Co., $2,000,000.

Plant, Chicago, Ill., Graham, Anderson, Probst & White, Archts. to Bates & Rogers Constr. Co., $2,000,000.

Classified Index of Bids Wanted

Waterworks

Bids close — *See Eng. News-Record*

June 11 Long Island City, N. Y. ... June 3
June 14 Okeene, Okla. ... June 10
June 14 Maple Heights (Bedford P. O.), O. ... June 10
June 15 Spiro, Okla. ... June 3
June 15 Wheeling, W. Va. ... June 3
June 15 Dallas, Tex. ... June 10
June 15 Kenosha, Wis. ... June 10
June 15 Minneapolis, Minn. ... June 10
June 16 Newark, N. J. ... June 3
June 16 Chicago, Ill. ... June 10
June 16 Baltimore, Md ... June 10
June 16 Halfway, Mich. ... June 10
June 18 Hammonton, N. J. ... June 10
Adv. June 10.
June 19 Gulfport, Miss. ... June 3
June 21 Okmulgee, Okla. ... June 3
June 21 Los Angeles, Calif. ... June 10
June 24 St. Cloud, Minn. ... June 10
June 25 Williamson, W. Va. ... June 10
Adv. June 3 and 10.
June 28 Nordheim, Tex. ... June 10
June 29 Detroit, Mich. ... June 10
Adv. June 10.
June 30 Providence, R. I. ... June 10
Adv. June 10.

Sewers

June 12 Milwaukee, Wis. ... June 10
June 14 Lesueur Center, Minn. ... June 3
June 14 Mankato, Minn. ... June 10
June 14 Maple Heights (Bedford P. O.), O. ... June 10
June 14 Marinette, Wis. ... June 10
June 15 Syracuse, N. Y. ... June 3
Adv. June 3 and 10.
June 15 West Roxbury (Boston P. O.), Mass. ... June 10
June 16 Brooklyn, N. Y. ... June 10
June 16 Baltimore, Md. ... June 10
June 16 Boston, Mass. ... June 10
June 16 Cleveland, O. ... June 10
June 17 Glendale, Calif. ... June 10
June 18 Erie, Pa. ... June 10
Adv. June 10.
June 18 El Segundo, Calif. ... June 10
June 18 Brighton (Boston P. O.), Mass. ... June 10
June 21 West Roxbury (Boston P. O.), Mass. ... June 10
June 22 St. Louis, Mo. ... June 3
June 22 Kingsford, Mich. ... June 10
June 22 Erie, Pa. ... June 10
Adv. June 10.
June 22 Independence, Kan. ... June 10
June 23 Ithaca, Mich. ... June 10
June 25 Chattanooga, Tenn. ... June 10
Adv. June 10.
June 25 Erie, Pa. ... June 10
Adv. June 10.

Bids close — *See Eng. News-Record*

June 29 St. Louis, Mo. ... June 10
July 6 Lynn, Mass. ... June 3
Adv. June 3 and 10.

Waste Disposal

June 21 Woodlawn, Pa. ... June 3
June 21 Gary, Ind. ... June 10
Adv. June 10.
June 25 Louisville, Ky. ... June 3

Bridges

June 11 Ohio ... June 10
June 14 Huntington, W. Va. ... May 27
June 14 Michigan ... June 10
June 15 Mason City, Ia. ... June 10
June 15 Laurel, Md. ... June 10
Adv. June 10.
June 15 Lancaster, Mass. ... June 10
June 16 Conway, S. C. ... June 3
Adv. June 3 and 10.
June 17 Michigan ... June 10
June 18 Standish, Mich. ... June 3
June 18 Cincinnati, Ohio ... June 3
June 18 Pennsylvania ... June 10
June 18 Brooklyn, N. Y. ... June 10
June 18 Minnesota and Wisconsin ... June 10
June 21 Kentucky ... June 3
June 21 New Jersey ... June 3
Adv. June 3 and 10.
June 21 California ... June 10
June 21 Wayne, Neb. ... June 10
June 21 Ludington, Mich. ... June 10
Adv. June 10.
June 22 New York ... June 10
Adv. June 10.
June 24 North Adams, Mass. ... June 10
Adv. June 10.
June 25 Roanoke, Va. ... June 3
Adv. June 3 and 10.
June 28 Providence, R. I. ... June 10
Adv. June 10.
June 28 New Jersey ... June 10
Adv. June 10.
June 29 Manhattan, Kan. ... June 10
June 29 Bronxville, N. Y. ... June 10
Adv. June 10.
June 30 Racine, Wis. ... June 10
Adv. June 10.
July 1 Louisiana ... June 10
July 2 Los Angeles, Calif. ... June 10

Dams

June 30 Reading, Pa. ... June 10
Adv. June 10.

Excavation, Drainage, Irrigation, Levees, River and Harbor

June 15 Clewiston, Fla. ... May 27
June 15 St. Louis, Mo. ... May 13
June 17 Goderich, Ont. ... June 10

Bids close — *See Eng. News-Record*

June 21 West Palm Beach, Fla. ... June 3
Adv. June 3 and 10.
June 25 Port Burwell, Ont. ... June 10
June 29 Welland, Ont. ... June 10

Streets and Roads

June 11 Indianapolis, Ind. ... June 10
June 11 Dayton, Ohio ... June 3
June 11 New York ... June 3
Adv. May 27 to June 10.
June 11 Montague, Que. ... June 10
June 11 Ohio ... June 10
June 11 New Hampshire ... June 10
June 12 Waterloo, Ont. ... June 3
June 12 Lewisburg, W. Va. ... June 10
June 12 Gladstone, Man. ... June 10
June 12 Milwaukee, Wis. ... June 10
June 14 New Jersey ... June 3
Adv. June 3 and 10.
June 14 Southmont (Johnstown P. O.), Pa. ... June 3
June 14 Plymouth, Ind. ... June 3
June 14 Moundsville, W. Va. ... May 27
June 14 Marinette, Wis. ... June 10
June 14 Rockwall, Tex. ... June 10
June 14 Boston, Mass. ... June 10
June 14 Chicago, Ill. ... June 10
June 14 Oklahoma City, Okla. ... June 10
June 14 Michigan ... June 10
June 15 Woodville, Miss. ... May 27
June 15 Hillsboro, Tex. ... May 27
June 15 Gonzales, Tex. ... May 27
June 15 Marlin, Tex. ... May 27
June 15 Duluth, Minn. ... May 20
June 15 Louisiana ... May 20
June 15 Anderson, Ind. ... May 13
June 15 Alice, Tex. ... June 3
June 15 Washington ... June 3
June 15 Easton, Md. ... June 3
Adv. June 3 and 10.
June 15 New York ... June 3
Adv. May 27 to June 10.
June 15 Tampa, Fla. ... June 10
June 15 Maryland ... June 10
Adv. June 10.
June 15 Ft. Dodge, Ia. ... June 10
June 15 Des Moines, Ia. ... June 10
June 15 Louisville, Miss. ... June 10
June 15 Texas ... June 10
June 15 South Carolina ... June 10
June 15 Raymondville, Tex. ... June 10
June 15 Tampa, Fla. ... June 10
June 15 Wisconsin ... June 10
June 15 Edmonton, Alta. ... June 10
June 15 Maryland ... June 10
June 15 Avon, Ill. ... June 10
June 15 Gonzales, Tex. ... June 10
June 15 Coleman, Tex. ... June 10
June 15 Denver, Colo. ... June 10
June 15 Massachusetts ... June 10
June 16 Florida ... June 3

See proposal advertising on page 145

Constr. News page 359

TRADE "LEADITE" MARK
Registered U. S. Pat. Office

Pipe gallery Buffalo's new filter plant; joints made with Leadite.

Visit Our Booth at the American Water Works Convention

Used by
City of Buffalo, N. Y. For Over 20 Years

Buffalo is proud of its water works system.

It is proud of its new modern filter plant just completed and representing an investment of millions of dollars.

That is why the City of Buffalo wanted the Convention of the American Water Works Association to meet there this year, June 7th to 11th.

They wanted other water works men thruout the country to see what they have accomplished.

Buffalo has laid about 40 miles of c.i. bell and spigot water mains with Leadite.

They have tested and used Leadite for over 20 years.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%.

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
June 16	Wildwood, N. J. Adv. May 27 to June 10.	May 27
June 16	Cresco, Ia.	June 10
June 16	Alabama	June 10
June 16	Quitman, Miss.	June 10
June 16	Atlanta, Mich.	June 10
June 16	Brooklyn, N. Y.	June 10
June 16	Woodbury, N. J. Adv. June 10.	June 10
June 16	Boston, Mass.	June 10
June 16	Cleveland, O.	June 10
June 16	Baltimore, Md.	June 10
June 16	New York, N. Y.	June 10
June 16	St. George, N. Y.	June 10
June 16	Paulsboro, N. J.	June 10
June 16	Michigan	June 10
June 16	Detroit, Mich.	June 10
June 16	Muskegon, Mich.	June 10
June 17	Cross Roads (Felton P. O.), Pa. Adv. May 27 and June 10.	May 27
June 17	Felton, Pa. Adv. May 27 and June 10.	May 27
June 17	New Brunswick, N. J.	June 3
June 17	Flemington, N. J.	June 3
June 17	New Brunswick, N. J.	June 10
June 17	Wyandotte, Mich.	June 10
June 17	Uniontown, Pa.	June 10
June 18	Kansas City, Tex.	June 3
June 18	Woodville, Miss.	June 10
June 18	Roselle, N. J. Adv. June 10.	June 10
June 18	New York, N. Y.	June 10
June 21	Kentucky	June 3
June 21	Martinez, Calif.	June 3
June 21	New Jersey Adv. June 3 and 10.	June 3
June 21	Pittsburg, Tex.	June 10
June 21	Los Angeles, Calif.	June 10
June 21	California	June 10
June 21	Alturas, Calif.	June 10
June 21	Oakland, Calif.	June 10
June 21	New Mexico	June 10
June 21	Los Angeles, Calif.	June 10
June 21	Akron, O.	June 10
June 22	Duluth, Minn.	May 20
June 22	Pennsylvania Adv. June 3 and 10.	June 3
June 22	Mt. Pleasant, Tex.	June 10
June 22	Columbus, O.	June 10
June 22	Indiana	June 10
June 22	Hollister, Mass.	June 10
June 22	Independence, Kan.	June 10
June 23	Pennsylvania Adv. June 3 and 10.	June 3
June 23	Delaware	June 3
June 23	North Adams, Mass. Adv. June 10.	June 10
June 23	Glenville, W. Va.	June 10
June 25	Mound City, Kan.	June 10
June 25	Ft. Wayne, Ind.	June 10
June 28	Kentucky	June 3
June 28	New Jersey Adv. June 10.	June 10
June 29	Louisiana	June 10
June 29	North Carolina Adv. June 10.	June 10
July 6	Morgantown, W. Va.	June 3
July 7	Vero Beach, Fla. Adv. June 3 and 10.	June 3

Buildings—Commercial

June 11	Toms River, N. J.	May 27
June 11	Cleveland, O.	June 10
June 14	New York, N. Y.	Apr. 29
June 14	San Luis Obispo, Calif.	May 27
June 14	Akron, O.	June 10
June 14	Detroit, Mich.	June 10
June 15	Memphis, Tenn.	June 3
June 15	Madison, Wis.	June 10
June 15	Phila., Pa.	June 10
June 15	Pine Bluff, Ark.	June 10
June 16	Chicago, Ill.	June 10
June 16	Cleveland, O.	June 10
June 17	Charlotte, N. C.	June 3
June 17	Barnstable, Mass.	June 10
June 20	Seattle, Wash.	June 10
June 22	St. Louis, Mo.	June 3
June 30	Pittsburg, Kan.	June 10
July 1	Texarkana, Tex.	Apr. 22
July 6	Riverside, Calif.	June 10
July 7	Sullivan, Ind.	June 3
July 12	Charleston, W. Va. Adv. June 10.	June 10
Sept. 1	Vancouver, B. C.	Apr. 22

Buildings—Industrial

June 11	Cleveland, O.	June 11
June 12	Laurelton, Pa.	June 3
June 29	St. Louis, Mo.	June 10

Buildings—Educational, Religious

June 11	Wildwood, N. J.	June 3
June 12	Urbana, Ill.	May 27
June 14	Little Rock, Ark.	June 3
June 14	Phila., Pa.	June 10
June 14	Scranton, Pa.	June 10
June 15	Lincoln, Neb.	June 3
June 15	Cleveland, O.	May 27
June 15	Cleveland Heights (Warrensville P. O.), Ohio	June 3
June 15	Superior, Wis.	June 10
June 16	Seattle, Wash.	June 10
June 17	Clinton, Ia.	June 10
June 18	Alma, Mich.	June 10
June 22	Rocky River, O.	June 3
June 29	Wanakena, N. Y.	June 10
June 29	Chicago, Ill.	June 10
July 1	Newburgh, N. Y.	June 10
July 2	Morgantown, W. Va.	June 10

Federal Government Work

June 11	Remodeling—Plattsburg, N. Y.	May 27
June 11	Lumber, etc.—Wash., D. C.	June 3
June 12	Docking Caissons—Huntington, W. Va.	May 26
June 14	Hangar—Wash., D. C.	May 20
June 14	Hulls, etc.—Louisville, Ky. Adv. May 20 to June 10.	May 20
June 14	Roadways—Baltimore, Md.	June 3
June 15	Barn, etc. — St. Cloud, Minn.	May 20
June 15	Road—Colorado	June 10
June 16	Houses—Pittsburgh, Pa. Adv. May 20 to June 10.	May 20
June 16	Roads—Great Lake (br. Waukegan), Ill.	June 3
June 16	Road—Norfolk, Va.	June 10
June 16	Water Tank—Lakehurst, N. J.	June 10
June 16	Roads—Colorado	June 10
June 17	Boilers, etc.—Winona, Minn. Adv. June 3 and 10.	May 27
June 18	Houses—Pittsburgh, Pa. Adv. May 27 to June 10.	May 27
June 18	Remodeling—Yakima, Wash.	June 3
June 18	Plumbing, etc.—St. Louis, Mo.	June 3
June 21	Hospital, etc.—Palo Alto, Calif.	May 6
June 21	Water System — Ft. Warren, Mass.	May 27
June 21	Dam—Pittsburgh, Pa. Adv. May 27 to June 10.	May 27
June 21	Administration, etc.—Dayton, Ohio Adv. May 27 to June 10.	May 27
June 21	Extension—Orlando, Fla.	June 3
June 21	Foundations — Dayton, Ohio Adv. June 3 and 10.	June 3
June 21	Remodeling—Morgantown, W. Va.	June 10
June 22	Dredging—Chicago, Ill. Adv. May 27 to June 10.	May 27
June 22	Roads and Walks—Rutland Heights, Mass.	June 3
June 22	Road—Livermore, Calif.	June 3
June 22	Water Tank—Dayton, O. Adv. June 3 and 10.	June 3
June 22	Engines, etc.—St. Louis, Mo. Adv. June 3 and 10.	June 3
June 22	Equipment—Hot Springs, Ark.	June 3
June 22	Plumbing—Norfolk, Va.	June 10
June 22	Remodeling—Ann Arbor, Mich.	June 10
June 23	Hulls—St. Louis, Mo.	June 3
June 23	House—Pittsburgh, Pa. Adv. May 27 to June 10.	June 3
June 23	Dikes—Matson, Mo.	June 10
June 23	Acetylene Flashers—St. George, N. Y.	June 10
June 23	Boiler, etc.—Streator, Ill. Adv. June 3 and 10.	June 10
June 24	Dredging—Miami, Fla. Adv. May 27 to June 10.	June 3
June 25	Extension—Rome, N. Y.	June 10
June 28	Kitchen, etc.—Livermore, Calif.	May 27
June 28	Dredging—New York, N. Y. Adv. June 3 and 10.	June 3
June 28	Breakwater — Milwaukee, Wis. Adv. June 3 and 10.	June 3
June 28	Lookouts, etc.—Hamilton, O. Adv. June 10.	June 10
June 29	Dredging — Wilmington, Del. Adv. June 3 and 10.	June 3
June 29	Lock House—Huntington, W. Va. Adv. June 3 and 10.	June 3
June 30	Revetment—Kansas City, Mo.	June 10
July 1	Engines, etc.—Wash., D. C. Adv. June 10.	June 10
July 1	Pier—Charleston, S. C. Adv. June 10.	June 10
July 1	Remodeling—Cumberland, Md.	June 10
July 2	Dredging — New Haven, Conn. Adv. June 3 and 10.	June 3
July 9	Hull—Memphis, Tenn. Adv. June 10.	June 10
July 7	Motors, etc.—Wash., D. C.	May 13
July 12	Rock Removal—Newark, N. J. Adv. June 10.	June 10
July 12	Tailrace, etc.—Nebraska-Wyoming Adv. June 10.	June 10
July 15	Dredging—Hawaii	May 13
July 27	Hospital — Northport, N. Y.	June 10

Unclassified

June 11	Subway — Brooklyn, N. Y.	June 3
June 14	Heating System—Boston, Mass.	June 10
June 15	Tow Boat—Albany, N. Y.	June 10
June 15	Wharf—Cap-de-la-Madeleine, Que.	June 3
June 15	Causeway—Miami, Fla.	June 10
June 16	Subway—Phila., Pa.	May 27
June 16	Sanitary Work, etc.—Utica, N. Y.	May 27
June 17	Lighting System—Chicago, Ill.	June 10
June 21	Ferryboats—New York, N. Y.	June 10
June 22	Bulkhead—New Bedford, Mass. Adv. June 10.	June 10
June 22	Heating and Ventilating System—Foxboro, Mass.	June 10
June 23	Subway—Phila., Pa.	June 3
June 25	Air Compressor—Farmingdale, N. Y.	June 3
Sept. 30	Crane Gantries, etc.—Otahulu, New Zealand	May 20

Materials

June 15	Frogs, Switches, etc.—Phila., Pa.	June 10
June 15	Reinforcing Bars—Mason City, Ia.	June 10
June 16	Piles—Los Angeles, Calif.	June 10
June 16	Lumber, etc.—New York, N. Y.	June 10
June 29	Gravel—Louisiana	June 10
June 29	Cement, etc.—New Orleans, La.	June 10

News of New Work

Waterworks

Proposed Work

Conn., New Britain — Plans reservoir, enlarging dam, gate house, piping, etc. $2,500,000. J. Williams, City Hall, engr.

N. J., Livingston—Twp. Com., Livingston Ave., received no bids June 3, for 16,500 lin.ft. 10 in. c.i. mains in Livingston Ave. Will readvertise.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, rejected bids May 25, two 50 ton steel cars, Contr. 819. Noted June 3.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Ga., Rome — Election June 24, $70,000 bonds, waterworks and $20,000 bonds, parks and playgrounds. Noted Jan. 21.

Fla., Sarasota Heights — Election June 22, $100,000 bonds, waterworks.

Ky., Louisville—Louisville Water Co., 435 South 3rd St., soon takes bids 40 m.g. daily capacity turbo-centrifugal pump, also making plans filtration plant addition. Alvord, Burdick & Howson, 6 South Dearborn St., Chicago, Ill., engrs.

Ind., Indianapolis — Indianapolis Water Co., 113 Monument Circle, making plans new 7 m.g. centrifugal pump, Washington St. Sta. M. Mabee, c/o owner, engr.

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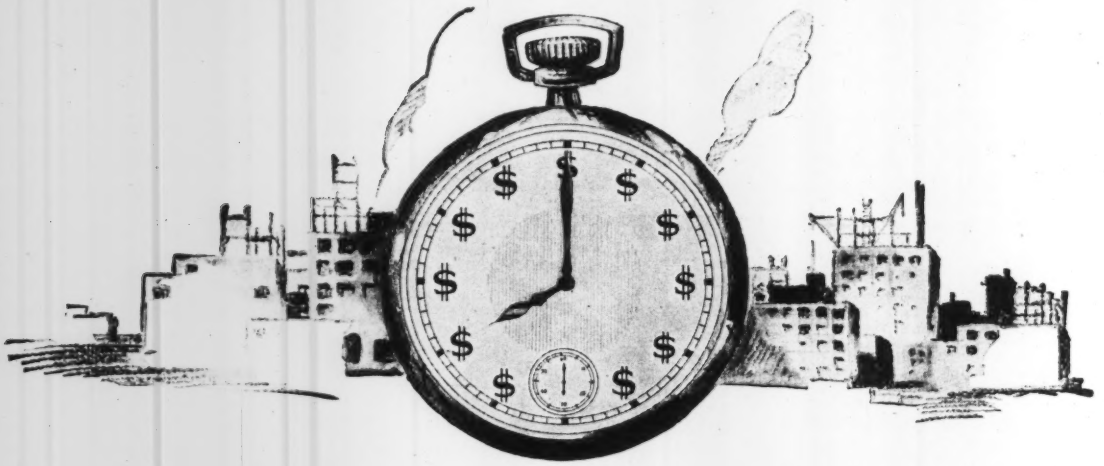

When Time Is Money

When *time* means money in construction, delays are costly. Each day saved in concrete work means a corresponding saving in cash.

On such rush jobs, you do not want to wait the weeks usually required for concrete to gain the desired strength. You do not need to.

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Please send me details on how to obtain *strong* concrete in 3 days with standard *Universal* cement.
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Address .....
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Waterworks (Continued)

Mich., Detroit — Water Dept. making plans 710 ft. c.i. mains in Manning Ave., 700 ft. Rossini Dr., 840 ft. Dexter Ave., 1,300 ft. Norwood Ave., 2,800 ft. Minnock Ave., 400 ft. Marshall Ave., 380 ft. Major Ave., 430 ft. Fordale Ave., 660 ft. Alcoy Ave., 1,340 ft. Fairport Ave., 660 ft. Pilkey Ave., and 925 ft. St. Patrick Ave.; all foregoing 6 in. pipe; 1,620 ft. alley between State Fair Ave. and Bringard Dr., 660 ft. Hickory Ave., 410 ft. Lang Ave., 3,150 ft. Rouge Dr., 520 ft. Grinnell Ave., 710 ft. Beatrice Ave., 400 ft. Vernor Highway, 1,350 State Fair Ave., 1,320 ft. Joann Ave., 500 ft. Grove Ave., 1,340 ft. Westphalia Ave., and 1,340 ft. Goulburn Ave.; all foregoing 8 in. pipe; 675 ft. State Fair Ave. and 2,260 ft. Marseilles Ave., both 12 in. pipe. G. Fenkell, 176 East Jefferson Ave., genl. mgr.

Ill., Glencoe—Making plans intake pumping station and 3 m.g. daily capacity filtration plant. $300,000. Alvord, Burdick & Howson, 6 South Dearborn St., Chicago, engrs.

Ia., Atlantic—Making preliminary plans 150,000 gal. capacity tank on tower.

Neb., McCook — Election soon $100,000 bonds, waterworks.

N. D., Mandan — Plans constructing 1 m.g. steel instead of proposed rein.-con. reservoir. $30,000. Noted Apr. 1.

Tex., Beaumont—Magnolia Petroleum Co. making preliminary plans constructing own mains to city intake. $50,000. Private plans.

Tex., Childress — Voted $35,000 bonds, extending mains, etc., in various streets. Address City Comn. Noted May 13.

Tex., Corpus Christi—See "Unclassified."

Tex., Edinburg—Plans extending water mains in various streets and light plant extensions. $35,000. Address City Engineer.

Tex., Edinburg—See "Buildings—Industrial."

Tex., Galveston—Election June 29, $200,000 bonds extending mains in various streets. C. A. Holt, Jr., city engr.

Tex., New Boston — Making preliminary plans waterworks, mains, etc. $25,000. Address Mayor.

Tex., West — Making preliminary plans improving waterworks, etc. $12,000. Address Mayor.

Idaho, Montpelier—Making preliminary plans waterworks. $15,000. Burns & McDonnell Eng. Co., 402 Interstate Bldg., Kansas City, Mo., engrs.

Wash., Buckley—F. Wenke, mayor, plans 4 mi. pipe line to carry water from Prairie Creek. $42,000.

Calif., Orange—Defeated $125,000 bonds, improving water system. Noted May 20.

Calif., Riverside — Making plans 42 in. rein.-con. pipe line, 12 m.g. reservoir, 30 in. steel pipe line connecting existing mains. To exceed $350,000. A. P. Campbell, city engr.

Calif., San Francisco—Making plans extending high pressure water system in southern section. $65,000. M. M. O'Shaughnessy, city engr.

Que., Sherbrooke — Town Council plans watermains and sewers from Dinning property to city limits, also on Victoria St. $40,000. M. Bradley, c/o Council, engr.

Bids Desired

Mass., Lynn—City, Com. Ways & Drainage, taking bids 1 story brick pumping station and appurtenances. $200,000 bonds. Morris Knowles, 507 Westinghouse Bldg., Pittsburgh, Pa., archts. Noted Apr. 22.

Mass., Worcester—M. J. Whittal Assn., Brussels St., taking bids 2 story and basement, 30 x 105 ft. water storage plant, rein.-con. and brick, Brussels St. $40,000 or more. J. D. Leland & Co., 41 Mt. Vernon St., Boston, archts.

R. I., Providence — June 30, at office Water Supply Bd., City Hall, Neutaconkanut Reservoir, concrete, in Johnson. F. E. Winsor, 661 Westminster St., ch. engr.; adv. E. N.-R. June 10.

N. J., Hammonton — June 18, by Bd. Water Comrs., 4,239 lin.ft. 6 in. main extensions; adv. E. N.-R. June 10. Noted June 3.

Md., Baltimore—June 16, by Bd. Awards, valves and hydrants for Bureau Water Supply. V. B. Siems, City Hall, water engr.

W. Va., Williamson—June 25, at office L. P. Ward, city clk., waterworks improvements, incl. Contr. A, filtration plant, pumps, etc., and Contr. B, extensions to distribution system, etc. Burgess & Niple, 223 East Broad St., Columbus, O., engrs.; adv. E. N.-R. June 10. Noted Apr. 8.

O., Cleveland—June 16, by Comrs. Cuyahoga Co., 23,000 ft. 6 in. c.i. mains in Lake Rd., Impvt. 1054. F. Williams, Court House, engr.

O., Maple Heights (Bedford P. O.) — June 14, by Village, c.i. mains in Corkhill Rd., Reddington, Fernway, Homewood and Otis Aves. C. W. Courtney, 1770 East 11th St., Cleveland, engr.

Mich., Detroit—June 29, by Bd. Water Comrs., East Jefferson Ave., constructing tunnels and suction connections at Water Works Park. G. H. Fenkell, genl. mgr.; adv. E. N.-R. June 10.

Mich., Halfway—June 16, by Village, 20 mi. 6 and 8 in. mains in various streets. H. R. Omara, village engr.

Wis., Kenosha—June 15, by C. M. Osborn, city mgr., 64 tons 16 in. Class B water pipe.

Minn., Minneapolis—June 15, by F. S. Gram, city purch. agt., 688 tons 24 in. Class "B" c.i. pipe. N. W. Elsberg, city engr.

Minn., St. Cloud—June 24, by J. D. McKenzie, city clk., constructing 3,600,000 gal. filtration plant, and 750,000 gal. concrete reservoir. $60,000. Noted Apr. 22.

Tex., Dallas — June 15, by Dalton & Parker, engrs., Wilson Bldg., entire water system for Broadmoor, incl. pipe connection to Dallas mains, for Water Dist. 9, V. W. Greenwade, 745 South Maryland. $110,000.

Tex., Nordheim—June 28, by City, waterworks improvements, incl. one 80 ft. per min. air compressor and motor, one 125 g.p.m. service pump direct connected to motor, one 50,000 gal. elevated steel tank erected, 10,320 lin.ft. 2- to 8-in. c.i. pipe, etc. $40,000. Terrell Bartlett Engineers, c/o Calcasieu Bldg., San Antonio, engrs.

Okla., Okeene—June 14, by S. C. Fox, city clk., extending 8,350 ft. 2- to 6-in. c.i. mains in various streets. $15,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Calif., Glendale—See "Sewers."

Calif., Los Angeles—June 21, by Supervs. Los Angeles Co., improving Water Works Dist. 9, near Compton, Spec. 742, steel tank, 100,000 gal. capacity; Spec. 745, pumphouse, derrick and tank cleaning bed; Spec. 744, water distributing system complete with service connections; and Spec. 740, furnishing Class "B" c.i. pipe in 12 ft. lengths.

Bids Received

Mass., Lakeville—Commonwealth of Massachusetts, Dept. Pub. Wks., Boston, pumping station for Lakeville Sanatorium, at Clear Pond, from F. A. Mazzur Co., 141 Milk St., Boston, $19,940. Engrs. est. $25,000.

N. Y., Brooklyn — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, June 1, steel and c.i. mains in Ocean Parkway, Church and Gravesend Aves., here, from Penstock Constr. Co., Sharon, Pa., $451,644. Noted May 27.

O., Cleveland—Bd. Comrs. Cuyahoga Co., May 26, 12,000 ft. 6- to 24-in. mains in Clifton Blvd. and Sloane Ave., Impvt. 655, from D. Lowensohn, 8810 Woodland Ave., cast iron $151,720, and steel $158,740. Noted May 26.

Contracts Awarded

New York—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, water supply conduit, strengthening existing conduit, etc., of Brooklyn water supply, in Kings and Queens Counties, to Triest Contg. Co., 250 Park Ave., New York City, $584,580. Noted June 3.

N. J., Trenton—City Comn., 1 m.g. and 2 m.g. pumps for Princeton Ave. Station, to W. R. Throop & Sons, East State St., $10,454; 3 m.g. pump and machinery for Pennington Ave. Pumping Station, to C. P. Bainbridge, Hamilton Sq., $8,026 and $2,741 respectively. Grand total $21,221. Noted June 3.

Pa., Phila.—Dept. Pub. Wks., Bureau of Water, 50,000 lb. piglead, Contr. 813, to N. Trotter, 36 North Front St., $3,985; electric cable, Contr. 820, to Standard Underground Cable Co., North Amer. Bldg., $1,685; Contr. 816, to P. B. Hyatt Co., 5 South 18th St., $6,092. Grand total $11,762. Noted June 3.

O., Cincinnati — Comrs. Hamilton Co., constructing Water Supply Line 20, Dist. 3, to Metzel & O'Hearn, 1601 Madison Ave., Covington, Ky., $23,246. Engrs. est. $27,604. Noted May 20.

O., Portsmouth—Bd. Control, constructing intake pier, to Universal Contg. Co., Portsmouth, for Water Works Dept. $51,510.

Mich., Bloomfield (mail Akron)—Hubbell, Hartgering & Roth, Engrs., 2640 Buhl Bldg., Detroit, 34,000 ft. 6- to 10-in. c.i. mains, etc. in various streets, to W. Hoy, 210 Hawthorne Bldg., Redford, $63,107, for Judson Broadway Co. Noted May 13.

Mich., Detroit—Fire Dept., 105 tons 16 in. c.i. pipe, to U. S. Cast Iron Pipe & Fdry. Co., Burlington, N. J., at $54 per ton. Noted May 20.

Mich., Wayne—Michigan Investment Co., 9,060 ft. 6 in. c.i. distribution system, to G. A. Gessner, Inc., Wayne, $19,645. Noted May 13.

Ill., Calumet Park (mail Chicago)—Village, c.i. watermains and sewers in various streets, to P. Kruse, 3041 Edgewood Ave. Archts. est. $50,000.

Tex., Port Arthur—J. C. Hamilton, city clk., one 10,000 h.p.m., low service and one 2,100 g.p.m. high service motor driven pumps, to Dayton-Dowd Co., Quincy, Ill., $5,000. Noted Apr. 30.

Calif., Santa Ana — For 8,100 ft. 8 in. Class "B" bell and spigot sand-cast pipe, to U. S. Cast Iron Pipe & Fdry. Co., Wright-Callender Bldg., Los Angeles. $1.1547 per ft.

Sewers

Proposed Work

D. C., Wash.—Dist. Comrs., Dist. Bldg., plans sewers in various streets. $1,185,000 appropriated.

Fla., Sarasota Heights — Election June 22, $130,000 bonds, sewers in various streets.

Ind., Ft. Wayne — Making plans sewers in various streets. $2,000,000. G. B. Gascoigne, Leader News Bldg., Cleveland, O., engr.

Mich., Spring Lake — City takes bids about June 30, complete sewerage system. Pearse, Greeley & Hansen, 6 North Michigan Ave., Chicago, Ill., engrs.

Ia., Council Bluffs—Making preliminary plans 14,083 ft. 6- to 18-in. sewers, etc. in 2nd Ave., Hall, Lee, 35th, 37th, Prospect and Harrison Sts. B. Walker, City Hall, engr.

Minn., Buhl—Making plans sewage disposal plant. $40,000. H. W. Russwig, c/o H. M. Anna Ore Mining Co., Buhl, engr.

Ark., Little Rock — Plans sanitary and storm sewers in Sewer Impvt. Dist. 104, incl. reconstructing old Town Branch, etc. $210,000-$485,000. Ford & MacCrea, 215 Gazette Bldg., engrs. Pearse, Greeley & Hansen, 6 North Michigan Ave., Chicago, Ill., consult. engrs.

Tex., Childress — Voted $100,000 bonds, extending sewers in various streets. Address City Comn.

Tex., Corpus Christi—See "Unclassified."

Tex., Cross Plains — Plans sewerage system and disposal plant. $40,000. Koch & Fowler, Central Bank Bldg., Dallas, engrs.

Tex., Galveston—Election June 29, $300,000, storm drainage in filled area. C. A. Holt, Jr., city engr.

Tex., Haskell—Douglass & Mitchell Corp., engrs., 409 Perkins Snider Bldg., making revised plans and soon take bids extending sewers in various streets and disposal plant. $65,000. Former bids rejected. Noted May 13.

Tex., Port Arthur—Making preliminary plans drainage system. $40,000. W. O. Bower, Port Arthur, engr.

Tex., Waco — Election soon $225,000 bonds, sewage disposal plant, sanitary sewers, etc. in various streets. V. G. Koch, city engr.

Tex., Wichita Falls—State Bd. Control, Austin, c/o H. H. Harrington, chn., and Montgomery & Ward, engrs., 545 Harvey-Snider Bldg., soon takes bids approximately 3 mi. sewer line from Wichita Falls State Hospital connecting with city line. $25,000. Noted Apr. 15.

Calif., Carmel—Made plans filter bed unit increasing septic tank capacity serving 2,500 in place of 1,200 as at present. H. D. Severance, Monterey, engr.

Calif., Fullerton—Defeated $62,500 bonds, outfall sewer extension. Noted Apr. 29.

Calif., Long Beach—City Council takes bids about June 24, 7,079 ft. 10- to 15-in. cement and 3,852 ft. 18- to 36-in. rein.-con. drains, etc., in Willmington Blvd., etc. $40,000. R. D. Van Alstine, City Hall, engr.

Calif., Orange—Voted $59,000 bonds, extending ocean outfall sewer. Noted Apr. 29.

Calif., Sacramento—Plans election $976,400 bonds, new sewer extensions and pump equipment, etc. A. J. Wagner, city engr.

Calif., Santa Ana—Made estimates Ocean outfall sewer with screening plant equipment, $379,000; and treatment plant, $710,000. N. H. Neff, city engr. Burns-McDonnell-Smith Eng. Co., Rives-Strong Bldg., Los Angeles, engrs.

Calif., Yuba City — Making new plans 70,000 lin.ft. 6- to 16-in. concrete sewer in various streets. Former contract rescinded. Noted Apr. 15.

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ROTATING BEDPLATE

THE entire upper machinery of an INDUSTRIAL crawling tractor rests on a single, massive, cast steel rotating bedplate strongly reinforced with ribs. This one-piece base is a guarantee of satisfactory operation because it retains all of the machinery in perfect alignment under all conditions, thus preventing bent shafts, undue wear on gears, and sticking clutches. A heavy structural steel frame extension on the bedplate gives ample floor area.

The revolving bedplate turns on four bronze-bushed steel rollers, mounted on the steel bedplate and running free on stationary shafts. These rollers are accurately turned to proper conical shape to avoid any slipping as the crane revolves. They bear on a combined roller path and external slewing rack and may be quickly and directly removed without jacking up the revolving frame. Any play between the rotating bedplate and the roller path is conveniently adjusted through the center pin nut.

For the whole story of the INDUSTRIAL *crawling tractor crane, shovel and dragline, write for Book 120-A.*

The upper machinery frames are bolted to, and supported directly and entirely by this massive steel bedplate, forming the most rigid and reliable construction possible—another reason why INDUSTRIALS excel.

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Sewers (Continued)

Que., Sherbrooke—See "Waterworks."

Ont., Port Colborne—Making plans disposal plant and vitr. clay lateral and service sewers in various streets. $300,000-$500,000. A. W. Connor & Co., Metropolitan Bldg., Toronto, engrs. Noted May 6.

Bids Desired

Mass., Boston—June 15, by Dept. Pub. Wks., sewerage works in Goldsmith Brook, private land, Pond and Rockwood Sts. in West Roxbury; June 16, in Allpeton St. and Public Alley 554, city proper. $25,000. J. H. Sullivan, comr.

Mass., Brighton (Boston P. O.) — June 18, by Dept. Pub. Wks., Boston, sewerage works in Morris St. and Brighton Rd., here; and June 21, in Maple St., West Roxbury. $25,000. J. H. Sullivan, comr.

N. Y., Brooklyn — June 16, by J. A. Guider, pres. Brooklyn Boro, Boro Hall, storm water and sanitary sewers in East 5th St.

Pa., Erie—June 18, by City Council, extending East Side Sanitary Sewer, Sect. 1. A. N. Aitken, city engr.; adv. E. N.-R. June 10.

Pa., Erie—June 22, by City Council, extending West Side Sanitary Sewer, Sect. 1. A. N. Aitken, city engr.; adv. E. N.-R. June 10.

Pa., Erie—June 25, by City Council, extending West Side Sanitary Sewer, Sect. 2. A. N. Aitken, city engr.; adv. E. N.-R. June 10.

Tenn., Chattanooga—June 25, by E. D. Bass, comr. Dept. Streets & Sewers, City Hall, trunk sewers and sub-mains for 13th Ward; adv.. E. N.-R. June 10.

Md., Baltimore—June 16, by Bd. Awards, 8,925 lin.ft. 8- to 18-in. vitr. sewers and 2,975 lin.ft. 4 and 6 in. underdrain, etc., in Sewer Dists. J-7 and J-8, embraced in Sanitary Contr. 233. M. J. Ruark, 311 Courtland St., sewerage engr.

O., Cleveland—June 16, by Comrs. Cuyahoga Co., sewer in Broadview and Brookpark Rds., Impvt. 75A. $100,000. Former bids rejected. F. Williams, Court House, engr.

O., Maple Heights (Bedford P. O.)—June 14, by Village, sewers in Benhoff Dr., Reddington, Fernway and Homewood Aves., McCracken and Libby Rds. To exceed $25,000. C. W. Courtney, 1770 East 11th St., Cleveland, engr.

Mich., Detroit—June 18, by Dept. Pub. Wks., brick or concrete sewer 19,361 lin.ft. in Waltham Ave. Arm, Ashland Ave. Sewer; in Seven Mile Rd. Arm, Sect. 1, Ashland Ave. Sewer; Sherwood-Savage Arm Sewer; Cadieux Rd. Sewer, Sects. 5 and 4; and Pembroke Ave. Arm West, Sect. 2. P. A. Fellows, city engr.

Mich., Ithaca—June 23, by J. W. Young, drain comr. Gratiot Co., at North Star Twp., for Drain 119.

Mich., Kingsford — June 22, by S. W. Seiler, village clk., sewers in various streets, Contrs. 3, 4 and 5; adv. E. N.-R. June 10.

Wis., Marinette—June 14, by S. O'Shea, city clk., 750 lin.ft. 36 in. brick or segmental block sewers in Marinette Ave. To exceed $25,000. A. L. Hillis, City Hall, engr.

Wis., Milwaukee — June 12, by J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., sewage booster station, Fairmount Ave., Whitefish Bay. Former bids rejected. T. C. Hatton, c/o owner, engr. Noted May 20.

Wis., Milwaukee — June 12, by J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., extending 10,700 ft. special concrete sewer Sect. 1 main sewer in Grand Ave. T. C. Hatton, c/o owner, engr.

Minn., Mankato — June 14, by F. W. Bates, city clk., constructing approximately 20,000 ft. 6- to 24-in. sanitary sewers in Lower System, $42,000; and approximately 30,000 ft. 6- to 30-in. in Upper System, $80,000. P. F. Comstock, city engr.

Mo., St. Louis — June 29, by Bd. Pub. Serv., 208 City Hall, Sect. J, River Des Peres, incl. flood-way channel along River Des Peres between point near Gravois Ave. and point beginning Sect. A near Wellington Court and Leamington Ave., approximately 40 ft. bottom and 100 ft. top width, 20 ft. deep, etc. $173,000. W. W. Horner, 300 City Hall, engr.

Mo., St. Louis—June 29 (extended date), by Bd. Pub. Serv., 208 City Hall, 12,070 ft. 8 in. to 9.5 ft. vitr. clay, segmental block, brick and rein.-con. sewers in East Rock Creek Joint Sewer Dist., $290,000; and 1,365 ft. 10- to 18-in. vitr. clay sewers in Glaise Creek Dist. 25, $5,600. W. W. Horner, 300 City Hall, engr. Noted May 13.

Tex., Panhandle — City, c/o W. P. Stephen, secy., taking bids disposal plant, and 61,635 lin.ft. 6- to 15-in. sewers, etc. in various streets. $220,000. Devlin Eng. Co., Amarillo, engr. Noted May 20.

Calif., El Segundo — June 18, by City Trustees, 6- to 10-in. vitr. sewer, etc., in Collingwood St., Walnut Ave., etc. To exceed $25,000. R. D. Hutchins, city engr.

Calif., Glendale—June 17, by Trustees, 6 in. vitr. main sewers, and c.i. watermains, etc., in Chevy Chase Dr., Adams St., etc., Sewer Dist. 5. J. F. Johannsen, city engr. Noted June 3.

Bids Received

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., sewers, etc. in Rhinelander and Hobart Aves. from F. Gabrielle, 2750 Creston Ave., $14,250 and $5,285 respectively; East 234th St., from F. Spadaro, 3883 Paddington Ave., $8,910; and Riverdale Ave., from Anita Constr. Co., 2975 Marion Ave., $52,825. Noted May 27.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, May 26, from Penciolli, 4103 Roosevelt Blvd., branch sewer in Beldon and Shissler Sts., $13,766; from F. di Pasquale, 1215 South 7th St., 74th Ave., $18,536; from V. S. Campellone, 812 West Venango Ave., Courtland St. $5,495, National St. $2,247, St. Vincent St. $12,184, and Yocum St. $3,923; from McIntyre Constr. Co., 6811 North Franklin St., Spencer St., $30,574; from J. Lombardi, Lincoln Bldg., Tudor St., $21,561; from J. J. McHugh, 1617 Race St., Bensalem Ave. E. S., $12,646; and from F. T. Buckins, Jr., 4050 Kensington Ave., Gowen Ave. $19,392. Noted May 20.

O., Cincinnati—Director Pub. Serv., May 17, 24 in. vitr. clay sewer and 460 ft. 33 in., 1,170 ft. 36 in., 326 ft. 51 in. brick trunk sewer in ravine north of Foley Rd., from J. J. Welling, 2943 Lischer Ave., $23,503. Engrs. est. $26,700. Noted May 13.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., June 1, from H. O. Schafer & Sons, 1149 East Mason St., Green Bay, rein.-con. or vitr. sewers in 8th Ave. $2,714, Euclid Ave. $2,049, 51st St. $797, and Maple Ave. $923; from Shabart-Rauch, Inc., 1003 41st St., Pryor Ave. $1,205; from W. T. Werner, 675 Hi Mount Blvd., Sarnows Subdivision $615, and 60th St. $45,776; from Rausch & Busse, 918 44th St., Wells St. $30,398; and from G. Zimmermann, 3402 Grand Ave., Becker St. $289, and relaying sewers in Jackson St. $5,177.

Wis., Milwaukee—J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., constructing sewage booster station, Fairmount Ave., from Kroening Constr. Co., 39th Ave. and Mitchell St., $19,289. Noted May 20.

Calif., Los Angeles—Bd. Pub. Wks., May 17, 9,615 ft. 6 in. rein.-con. sewer in Fairfax Ave., from J. Tomai, 559 Madison Ave., Culver City, $49,759.

Calif., San Diego—Common Council, May 24, from B. Noble, Spreckels Bldg., sewer in Normal Heights, 35,281 lin.ft. 6 in. concrete pipe, $1.10 per lin.ft., 50,251 lin.ft. 8 in. concrete pipe, $1.18 1,048 lin.ft. 10 in. concrete pipe, $1.28, etc., total $132,456. Noted Apr. 1.

Contracts Awarded

R. I., Providence — To A. Aiello, 107 Westminster St., sewerage works in Glen Rd. $2,107, Upton Ave. $2,054, Eaton Ave. $3,859, and Touro St. $3,149; to A. Gonnelli, 454 Admiral St., in Bernard St. $16,096; to W. Gammino, and in Lancaster St. $94,016, and Nelson St. $15,105; to J. Ambrose, and in Sampson Ave. $2,979; to F. W. Cristy, 945 Park Ave., in Rushmore Ave. $10,062. Grand total $149,427.

Md., Baltimore—Constructing Presstman St. Diversion Drain, Storm Water Contr. 97, to Carozza-Rowe Constr. Co., 624 North Gilmor St., $479,972. Noted May 13.

Md., Baltimore—Bd. Awards, 17,740 ft. 6- to 16-in. vitr. sewer known as Maidens Choice Trunk Run Sewer, Sect. 2, Dist. G-2, Sanitary Contr. 227, to Adams & Marino Co., Old Town Natl. Bank Bldg., Baltimore, $70,935. Noted May 27.

Tenn., Murfreesboro—Vitr. clay sewerage system to G. B. Howard & Co., Ft. Shelby Ave., Nashville, $216,382. Noted May 13.

O., Cincinnati—Hamilton Co., for Sanitary Sewer 16, Dist. 1, 10,041 ft. 6- to 10-in. vitr. clay pipe, to Murdock Constr. Co., 4701 Main Ave., Norwood, $28,815. Engrs. est. $31,644.

O., Cleveland—Bd. Comrs. Cuyahoga Co., 3,800 ft. 8- to 48-in. rein.-con. sewer in Lander Rd., Impvt. 310, to Salem & George, Erie Bldg., $32,302. Noted Apr. 22.

O., Columbus — W. H. Duffy, dir. Pub. Serv., 2,100 ft. 30 in., 1,300 ft. 24 in. relief sewer in Newton St., to B. Canini, 1898 Cleveland Ave., $40,246; also 2,000 ft. 30 in. and 750 ft. 24 in. sanitary sewer in Milford Ave., to J. Conie, Columbus, $31,680.

Mich., Detroit—Dept. Pub. Wks., 4,207 ft. sewer in Jefferson Ave. and on city property to Detroit River, to Nash Bros., 10 South LaSalle St., Chicago, Ill., $306,918; 1,111 ft. 15- to 20-in. sewer in Lateral 4566, to J. Leo, 1782 Puritan Ave., $6,975; Lateral 4590, to S. Ramose, 516 Transpartation Bldg., $12,800; and 616 ft. 18- to 20-in. in Lateral 4592, to Dept. Pub. Wks., $3,100. Grand total $329,793. Noted June 3.

Mich., Muskegon—E. R. Cockerill, supt. Muskegon Co. Drains, 3,342 ft. 18- to 24-in. vitr. clay and 2,044 ft. 96 in. monolithic concrete pipe in Ruddiman Creek Drain, to Wolverine Eng. Co., Mason, $99,684. Engrs. est. $120,000. Noted June 3.

Ill., Calumet Park (mail Chicago)—See "Waterworks."

Minn., St. Paul—A. E. Eggert, city purch. agt., Trout Brook Sewerage System, Contr. A, to Northern States Contg. Co., 312 Endicott Bldg., $473,700, and Highland Park Sewerage System, to O'Neil & Preston, 608 Exch. Bank Bldg., $142,000. Noted May 20.

Neb., Omaha — J. P. Hoctor, city clk., rein.-con. and concrete sewer in Dist. 883, to Redd & Tomasso, 2560 Mary St., $22,500; and in Dist. 983, to G. Carlson, 4665 Pierce St., $5,707.

Tex., Ft. Worth—To Southwell & Abbott, 605 East 2nd St., sanitary sewers at Seminary Hill $21,896, in section Samuels Ave., Washington Heights $80,847, in section Haynes Ave. $21,648, and storm sewers on Barton, Himount and Tremont Aves. $31,996. Grand total $156,387. Noted June 3.

Okla., Oklahoma City—M. Peshek, Jr., city clk., Canadian River sewage plant, and 8,200 ft. 54 in. segmental block sewers, etc., to Green-Boardman Co., Maple St., $639,167. Engrs. est. $729,000. Noted Apr. 22.

Wash., Ferndale—City Council, sewage disposal plant and 6,720 ft. 8- to 12-in. clay sewers, etc., in various streets, to W. C. Adams, Renton, $25,096.

Calif., Los Angeles—Bd. Pub. Wks., sanitary sewer in Hobart Blvd. between Florence Ave. and 79th St., to M. N. Guho, 5316 8th Ave., $75,560. Noted May 27.

Ont., Toronto—York Twp., 3,800 ft. 12- to 54-in. vitr. tile and concrete trunk sewer in Fairbank Dist., to Nelson River Constr. Co., Bank of Hamilton Bldg., $57,128. Engrs. est. $60,000.

Waste Disposal

Bids Desired

Ind., Gary—June 21, by Bd. Pub. Wks., M. Maloney, clk., constructing and equipping garbage and refuse incinerator. W. P. Cottingham, city engr.; adv. E. N.-R. June 10.

Bids Received

N. Y., New Dorp (Sta. Staten Island) — J. A. Lynch, pres. Richmond Boro, Boro Hall, St. George, building and runway furnaces, chimney, etc., for garbage incinerator, here, from Nye Odorless Crematory Co., Georgia Casualty Bldg., Mulberry St., Macon, Ga., $191,250, alternate $157,650. Noted May 27.

Bridges

Proposed Work

Mass., Lynn—City, Highway Dept., City Hall, plans reconstruction East Saugus Bridge, probably concrete. $25,000 or more. Engineer not selected.

Alabama and Mississippi — See "Railways."

O., Cincinnati—Hamilton Co. plans two span 90 ft. concrete slab bridge, Winton Rd. $25,115. E. A. Gast, Court House, engr.

O., Cincinnati—Hamilton Co. plans 3 span 135 ft. concrete slab bridge, Willey Rd. $31,762. E. A. Gast, Court House, engr.

Michigan—A. M. Hopperstead, Crystal Falls, resident engr., takes bids about June 20, 90 ft. concrete girder bridge, crossing West Bridge Baltimore River, Ontonogan Co.

Kan., Columbus — See "Streets and Roads."

Texas and Mexico—P. D. Anderson & H. E. DuPuy, Presidio, Tex., making preliminary plans 186 ft. concrete and steel bridge across Rio Grande River between Presidio, Tex. and Ojinaga, Mexico. $75,000. Private plans.

Tex., Batesville — See "Streets and Roads."

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Bridges (Continued)

Tex., El Paso—El Paso Electric Co. and El Paso & Juarez Traction Co., making plans vehicular and foot bridge at or near South Santa Fe R.R. tracks. $30,000. Private plans.

Tex., La Grange — See "Streets and Roads."

Tex., New Braunfels—Comal Co. making plans and soon take bids 4 span, 350 ft. rein.-con. bridge across Comal River. $60,000. J. G. Morgan, c/o State Highway Dept., Austin, engr.

Tex., Sweetwater—See "Streets and Roads."

Okla., Orlando—State Hy. Dept., Oklahoma City, plans 46 ft. concrete underpass on State Highway 4, under Santa Fe R.R. tracks, here. $26,000. J. M. Page, Oklahoma City, highway engr.

Calif., Fullerton—Defeated $30,000 bonds, constructing 3 bridges in various sections. Noted Apr. 29.

Ont., Leaside — East York Twp. takes bids in August 1,400 ft. highway bridge, 130 ft. high, 44 ft. roadway, 7 steel or concrete arches and concrete approaches over Don Valley between East York Twp. and here. $1,000,000. East York Twp. appropriates $200,000, Leaside Village $150,000, York Co. $150,000, city of Toronto $200,000, Province of Ontario $125,000, York Land Co. $150,000, Canadian Pacific & Canadian National Rys. $50,000, ratepayers and grade separation fund $50,000 toward cost. Contract for diamond drilling and boring site, to Smith & Travers, Sudbury, Ont. F. Barber, 45 Jarvis St., Toronto, engr.

Bids Desired

New Hampshire — See "Streets and Roads."

Mass., Lancaster—June 15, by Dept. Pub. Wks., Boston, concrete bridge and bituminous macadam approaches, here. $25,000. W. F. Williams, comr.

Mass., North Adams—June 24, by E. R. Doble, comr. Pub. Wks., reconstructing Brown St. Bridge. G. S. Thompson, 257 Bway., Troy, consult. engr.; adv. E. N.-R. June 10.

R. I., Providence—June 28, by Bd. Contr. & Supply, in Clerk of Committee Dept., City Hall, renewing draw span, raising and widening approach spans of Point Street Bridge over Providence River. E. D. Miller, city clk.; adv. E. N.-R. June 10.

New York—June 22, by B. Glassbrook, clk. Bd. Supervs. Warren Co., Lake George, 5 bridges, etc., in Bolton and Hague, Contr. 3; and 3 bridges in Chester, Contr. 4; adv. E. N.-R. June 10.

N. Y., Bronxville — June 29, at office Westchester Park Comn., 72 Pondfield Rd., 7 stone and rein.-con. bridges on Hutchinson River Parkway, in Mt. Vernon, Pelham and North Pelham; also grading and paving Rumsey Rd. Sect. Sawmill River Parkway, Yonkers. J. Downer, ch. engr.; adv. E. N.-R. June 10.

N. Y., Brooklyn—June 18, by A. Goldman, comr. Plant & Structures, Municipal Bldg., New York City, new center pier fender at Metropolitan Ave. Bridge over English Kills, here.

New Jersey — June 28, by State Hy. Comn., Trenton, concrete bridge across Lupatcong Creek, Route 4, Sect. 34, on Keyport Cutoff. A. L. Grover, secy.; adv. E. N.-R. June 10.

Pennsylvania—June 18, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., Phila., structural metal work for Bridges, with Specifications Plans 80276, 80308 and 13165. A. C. Shand, Broad St. Sta., Phila., ch. engr. railroad.

Pa., Uniontown — See "Streets and Roads."

Md., Laurel — June 15, by Dept. Pub. Wks., Baltimore, 86 ft. span rein.-con. arch bridge over Patuxent River, on Baltimore-Washington Blvd., here. Contr. P-63, Prince Georges Co. J. N. Mackall, chn.; adv. E. N.-R. June 10.

Miss., Quitman—See "Streets and Roads."

Louisiana—July 1, by Louisiana State Hy. Comn., Baton Rouge, Leathermann Creek Bridge, on Arcadia Homer Highway, Federal Aid Project 85-D, Claiborne Parish. W. B. Robert, Reymond Bldg., Baton Rouge, highway engr.

Ohio—June 11, by G. F. Schlesinger, dir. Highways & Pub. Wks., Columbus, constructing bridges on various roads in Adams, Allen, Brown, Carroll, Champaign, Mahoning, Miami, Monroe, Muskingum, Perry and Pike Counties. $260,999.

Mich., Ludington—June 21, at office D. Thompson, city clk., 5 span rein.-con. continuous girder bridge over bayou of Pere Marquette Lake, Washington Ave. C. S. Whitney, 214 Mason St., Milwaukee, Wis., consult. engr.; adv. E. N.-R. June 10.

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Michigan — June 14, by R. A. Beers, resident engr. Kalamazoo, Bridge 030,801, two 35 ft. rein.-con. deck girder spans, Allegan Co.

Mich., Muskegon — See "Streets and Roads."

Wisconsin — See "Minnesota and Wisconsin."

Wis., Racine — June 30, by Dept. Pub. Wks., H. A. Nelson, comr., bridge over Root River, at Main St. J. W. Beaugrand, city engr. Strauss Bascule Bridge Co., 307 North Michigan Ave., Chicago, Ill., consult. engrs.; adv. E. N.-R. June 10.

Ia., Mason City — June 15, at office Auditor Cerro Gordo Co., one 50 x 16 ft. pony truss, one 32 x 18 ft. deck girder, one 40 x 18 ft. and one 32 x 18 ft. I-beam bridges, and one 118 x 24 ft. cantilever bridge. R. E. Robertson, Mason City, co. engr.

Minnesota and Wisconsin—June 18, by R. C. Buck, engr., 15-16 U. S. Natl. Bank Bldg., Superior, Wis., constructing steel superstructure 3,600 ft. bascule span bridge, 32 ft. over St. Louis River, between Duluth, Minn. and Arrowhead Bridge Co., Superior, Wis.

Kan., Independence—June 22 (extended date), by L. Kelly, clk. Montgomery Co., one 120 ft. and three 100 ft. span concrete arch bridge, 1,075 ft. wooden piling, etc., on Federal Aid Project 199-C. H. K. Hibbard, co. engr. Noted Jan. 14.

Kan., Manhattan—June 29, by City Clerk, two 35 ft. and one 75 ft. span steel girder bridge, on Federal Aid Project 327-B, 1,512 ft. wooden piling, etc. A. J. Rhodes, Manhattan, co. engr.

Neb., Wayne—June 21, by Comrs. Wayne Co., 50 ft. steel, 50 ft. steel girder, and 30 ft. I-beam span bridges. C. W. Reynolds, co. clk.

Tex., Mt. Pleasant — See "Streets and Roads."

Tex., New Braunfels — Comal Co., C. Roeper, judge, taking bids rein.-con. bridge over Comal River and underpass across International-Great Northern Ry. tracks, on Highway 64. $60,000. J. G. Morgan, New Braunfels, resident engr.

Tex., Pittsburg — See "Streets and Roads."

New Mexico—See "Streets and Roads."

California—June 21, by State Hy. Comn., Sacramento, three 30 ft. span rein.-con. girder bridge over San Jose Creek. R. M. Morton, Forum Bldg., Sacramento, highway engr.

Calif., Los Angeles—July 2, by Bd. Pub. Wks., 687 ft. concrete and steel viaduct with 56 ft. roadway, etc. over Los Angeles River, at Riverside Dr. and Dayton Ave. M. Butler, city bridge engr.

Bids Received

Massachusetts—Commonwealth of Massachusetts, Dept. Pub. Wks., June 1, 4 concrete bridges in Westminster and Winchester, from A. M. Loud, 42 Brook St., Wollaston, $61,058. Noted May 20.

Mass., Cambridge (Boston P. O.)—Harvard University, granite limestone and brick, memorial foot bridge over Charles River connecting Harvard University and Harvard Business School (Brighton), from T. Stuart & Son, 22 Pearl St., Boston, $194,845. Noted May 20.

Miss., Satartia—Yazoo Co., c/o H. Griffin, clk., Yazoo City, 986 ft. toll bridge over Yazoo River, from Austin Bros. Bridge Co., Mickleberry St., Atlanta, Ga., $100,000.

Louisiana — State Hy. Comn., Baton Rouge, May 27, Bayou Boeuff Bridge, on Houma-Morgan City Highway, Federal Aid Project 155-B, Assumption Parish, from Vincennes Bridge Co., Vincennes, Ind., combination (1) $128,803 (2) $128,585. Noted Apr. 29.

Michigan—H. C. Fleming, resident engr., Grand Rapids, takes bids about June 17, F. R. 7 Bridge 013,001, 4 spans, over Pere Marquette R.R. tracks, Ottawa Co.

Tex., Palestine—Anderson Co., 34 span, 1.09 mi. rein.-con. girder and steel span bridge across Trinity River, from Thomas & Ratliff, Rogers, concrete approaches $182,379, and earth graded approaches $26,869; from Austin Bridge Co., 1813 Clarence St., Dallas, timber approaches $159,128. Noted Apr. 29.

California—State Hy. Comn., Sacramento, May 24, rein.-con. girder bridge over Santa Ana River, Orange Co., from deWaard & Son, Granger Bldg., San Diego, $94,945.

Calif., Los Angeles—Bd. Pub. Wks., May 26, from Western States Constr. Co., 1337 3rd St., Santa Monica, 402 ft. rein.-con. girder bridge over Los Angeles River, on Fletcher Dr., rein.-steel (lump sum) $41,662, 6,546 cu.yd. "A" concrete $19.40 per yd., and 634 cu.yd. "C" concrete $15.50, etc., total $238,473. Noted May 6.

Contracts Awarded

New Hampshire — See "Streets and Roads."

Vermont—State Hy. Dept., Montpelier, 3 span concrete bridge in Charleston, to Atwood Thomas Constr. Co., Middleboro, Mass., $16,323; 3 span concrete bridge in Derby, to Rowe Constr. Co., Woodsville, N. H., $37,182; steel bridge in Hartland, to Earl & Merry, Rutland, $23,902; and steel bridge in Berlin, to Byron, Forman & Riggs, Troy, N. Y., $21,976. Grand total $99,383.

R. I., Centerville — State, State House, Providence, 1 span, 80 ft. concrete arch bridge, here, to L. E. McLaughlin, Inc., Jefferson Ave., New London, Conn., $45,500.

Pa., Coraopolis — Controller Allegheny Co., Court House, Pittsburgh, transferring present 6th St. spans, Pittsburgh, and placing same over Ohio River, here, to Foundation Co., Fulton Bldg., Pittsburgh, $315,000. Noted May 6.

Pa., Phila. — Delaware River Bridge Joint Comn., Widener Bldg., metal work, Contr. 24-B, to G. B. Clapp, 3717 Filbert St., $11,744; equipment for operation, Contr. N-29-A, to Mazzola & Marano, 739 South 7th St., $15,500; and plumbing, etc., Contr. 29-B, to Bulman Bros., 5th and Cumberland Sts., $7,984. Grand total $35,278.

North Carolina—State Hy. Comn., Raleigh, rein.-con. bridges, etc., on Project 669, Rowan Co., to J. L. Brinkley, Thomasville, $38,131; on Project 398, Robeson Co., to Kiker & Yount, Reidsville, $43,336; and on Project 165, Northampton Co., to W. D. Dean, Commercial Bank Bldg., Raleigh, $41,596. Grand total $123,077. Noted May 20.

Alabama—State Hy. Comn., Montgomery, (**e. e. means engineers estimate**), several concrete bridges on Aliceville-Dancy Rd., Pickens Co., to Dame & McConnell, Livingston, $18,842, e. e. $20,000; on Franklin-Monroeville Rd., Monroe Co., to Lamb & McLemore, Eutaw, $84,160, e. e. $90,000; on Tuskegee-Union Springs Rd., Macon Co., to E. Pettus, Montgomery, $27,925, e. e. $28,000; on Athens-Decatur Rd., Limestone Co., to McWorther & Gilbert, Alabama Power Co. Bldg., Birmingham, $33,935, e. e. $35,000. Grand total $164,862.

Ky., Paducah—City Council, rein.-con. bridge over Island Creek, to J. M. Rouse, Paducah, $28,000. Noted Apr. 22.

Ohio—Dept. Highways & Pub. Wks., Columbus, one bridge and 2 culverts, Sect. "D" Bellefontaine-Lima Rd., and 4 bridges and 2 culverts, Sect. "D" Bellefontaine-Kenton Rd., both Logan Co., to C. C. Carpenter, Ada, $6,544 and $13,754 respectively; concrete girder bridge, Sect. "H" Zanesville-New Lexington Rd., Perry Co., to Merry & Miler, Caldwell, $5,479, several bridges, Sect. "C" Milford-Hillsboro Rd., Clermont Co., to Craig & Jorgan, Blanchester, $5,289; 2 bridges and 2 culverts, Sect. "C" Bellefontaine-Kenton Rd., Logan Co., to Chamberlain & Baine, North Lewisburg, $2,810; 3 bridges Sect. "A" Lakeview-Kenton Rd., Logan Co., to Ideal Constr. Co., Upper Sandusky, $6,911; concrete bridges, Sect. "M" Pomeroy-Marietta Rd., Meigs Co., to F. H. Beckler, Athens, $16,050; and 2 concrete bridges, Sect. "A" Lima-Sandusky Rd., Sandusky Co., to Modern Constr. Co., Fremont, $23,648. Grand total $80,485. Noted May 6.

Mich., Grand Rapids—For 1,460 ft. rein.-con. viaduct, 56 ft. over Pere Marquette, Pennsylvania & Michigan Central Ry. tracks, to Folwell, Ashlog Co., 323 North Michigan Ave., Chicago, Ill.

Ia., Montezuma — Poweshiek Co., 4 I-beam and 1 pony truss bridges, also 23 culverts, to Iowa Bridge Co., 19th St. and Easton Blvd., Des Moines, $35,700.

Ia., Orange City — See "Streets and Roads."

Ia., Sioux City—See "Streets and Roads."

Ia., Vinton — Benton Co., to E. Evans, Vinton, 15 culverts, on Federal Aid Project 251, $10,730; to A. Olson Constr. Co., Waterloo, 1 pony truss bridge and 19 culverts and extensions on same project, $21,070; to J. B. Elliott, Independence, 8 box culverts on Federal Aid Project 263, $3,984. 11 box culverts on Federal Aid Project 285 $5,000, and 2 box culverts on Primary Bridge Project 318 $985; to Fairfield Constr. Co., Waterloo, 1 box culvert on same project $3,585; and to M. O. Burnett, Marengo, 28 culverts and extensions on Federal Aid Project 278, $9,998. Grand total $55,352. Noted Apr. 22.

Kan., Alma—See "Streets and Roads."

Tex., Henderson — See "Streets and Roads."

Tex., Palestine—Anderson Co. (Palestine) and Cherokee Co. (Rusk), creosoted timber trestle bridge on 0.91 mi. Highway 43-A, State Aid Project 665, over Neches River, to Thomas & Ratliff, Rogers, $49,000. Noted Feb. 25.

California—See "Streets and Roads."

Ont., Leaside—See "Proposed Work."

Dams

Bids Desired

Pa., Reading—June 30, by City Council, concrete impounding dam on Maiden Creek, Berks Co., Contr. 40. A. R. O'Reilly, 209 City Hall, ch. engr.; adv. E. N.-R. June 10.

Wis., Tomahawk — See "Contracts Awarded."

Contracts Awarded

Wis., Tomahawk — Wisconsin Valley Impvt. Co., 1st Natl. Bank Bldg., Wausau, will build 260 ft. concrete and earth dam, 20 ft. head on Willow River, 21 mi. northwest of here, by day labor. Noted Feb. 11.

Railways

Proposed Work

Alabama and Mississippi—Muscle Shoals, Birmingham & Pensacola R.R. Co., c/o St. Louis-San Francisco R.R. Co., Frisco Bldg., St. Louis, Mo., F. G. Jonah, ch. engr., takes bids in late summer (1st unit) 152 mi. standard gauge, rock ballasted, 85 lb. rail of railroad line with passing tracks, sidings, culverts, bridges, etc., from Kimbrough, Ala. to Aberdeen, Miss.

Contracts Awarded

Alabama—Muscle Shoals, Birmingham & Pensacola R.R. Co., c/o St. Louis & San Francisco R.R. Co., Frisco Bldg., St. Louis, Mo., F. G. Jonah, ch. engr., relocating track to eliminate heavy grades and curves on 7.61 mi. (2 sections) at Boggy Creek and Turpentine Hill, and laying 85 lb. rails, here, to Reed & Lowe, Birmingham. Engrs. est. about $150,000. Noted Apr. 29.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Massachusetts — Commonwealth of Massachusetts, Dept. Pub. Wks., Boston, plans dredging in Barnstabel, Cotuit Harbor, Lewis Bay, West Bay, Braintree, Weymouth Fore River, Dennis and Nobscusset Breakwater. $25,000. W. F. Williams comr.

N. C., Wilmington—J. G. Wright & Son plan extensive development near Wrightsville Beach, requiring large fills.

Fla., Hollywood—Election June 10, $2,000,000 bonds, improving harbor.

Bids Desired

Ont., Goderich — June 17, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, reconstructing 1,087 ft. river breakwater. $125,000.

Ont., Port Burwell — June 25, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, reconstructing outer end East Pier, here. $48,500.

Ont., Welland — June 29, by J. W. Pugsley, secy. Dept. Railways & Canals, Ottawa, constructing Sect. 4B, Welland Ship Canal, here.

Bids Received

Massachusetts—Dept. Pub. Wks., Boston, May 27, dredging 17,000 cu.yd. material in Gloucester Harbor, from Bay State Dredging & Constr. Co., 62 Condor St., East Boston, $21,435.

N. Y., New York—State Hospital Comn., Capitol, Albany, June 2, excavation for New York State Psychiatric Institute, here, from Clementi Contg. Co., 1191 Spofford Ave., $170,000. Noted May 20.

Neb., Omaha — Papio Valley D.D. 2, Douglas Co., 1,053,700 cu.yd. drainage work, from Callahan-Walker Constr. Co., 1106 1st Natl. Bank Bldg., Omaha, at $0.0524 per cu.yd. Noted Feb. 18.

Contracts Awarded

N. Y., Albany — T. F. Farrell, comr. Canals & Waterways, stone breakwater, etc., at Sylvan Beach, Erie Canal Sect. 5, Contr. 233, to J. W. Holler, Inc., Fort Edward, $149,910. Engrs. est. $188,605. Noted May 13.

Ia., Onawa — Monona Co., Oliver Lake D. D., ¼ mi. open ditch, 201,623 cu.yd. excav., to F. Grundon, Ft. Dodge, $25,098. Noted May 27.

Ia., Sioux City—See "Streets and Roads."

Mo., New Madrid — Morgan Eng. Co., Court House, enlarging 34 drainage canals, approximately 2,790,000 cu.yd. excav., etc. to F. M. Crane Co., 210 South 24th St., Omaha, Neb., for D. D. 38, New Madrid Co. Noted June 3.

Streets and Roads

Proposed Work

Mass., Boston — Plans reconstructing Bway. from Teele Sq. to Arlington line. To exceed $25,000. Private plans.

N. Y., Albany — Common Council plans repaving South Allen St., New Scotland and Austain Aves. J. G. Brennan, city engr.

N. J., Livingston—Livingston Twp. plans concrete paving 2 mi. Roseland Ave. $201,303. W. A. Stickel, Newark, engr.

N. J., Newton—Sussex Co., June 1, concrete paving approximately 12,923 sq.yd. Ross's Corner-Sussex Rd., Sect. 1-A, Franklin Twp., from S. B. Martin, Sussex, $54,395. Noted May 20.

N. J., Roseland—Bd. Freeholders Essex Co. (Newark), plans concrete paving 1.75 mi. Eagle Rock Ave., here. $160,000. W. A. Stickel, Newark, engr.

N. J., South Amboy — Common Council plans paving Augusta St.; and concrete curbing and sidewalks 2nd and John Sts. $25,300. J. A. Conlogue, South Amboy, engr.

N. J., Summit — Road Com. Union Co., Court House, Elizabeth, June 1, grading and rein.-con. paving 21,985 sq.yd. Morris Ave., here, from C. H. Winans, 207 Broad St., Elizabeth, $173,079. Noted May 27.

N. J., Trenton—Bd. Freeholders Mercer Co. soon takes bids paving Trenton-Pennington Rd. $500,000. H. F. Harris, Trenton, engr.

N. C., Elizabeth City — Pasquotank Co. plans sand clay or gravel road between South Mills and Old Trap. S. G. Scott, Elizabeth City, chn. highway comn.

Fla., Tampa—Hillsborough Co. election June 22, $85,000 bonds, asphalt on 6 in. limerock surfacing Road 5, in John T. Gunn Highway at Lake Fern Sta., running west, 16 ft.

Fla., Tampa—Plans widening vitr. brick on 8 in. rock paving, etc. Willow Ave. from Grand Central to Main St., $116,680; also vitr. brick and asphalt block on rock or shell paving, etc. Bay Side Dr. and portion Frances Ave., $31,474. R. D. Marton, City Hall, engr.

Fla., West Palm Beach—Palm Beach Co. election June 24, $163,000 bonds, oiled rock surfacing Project 1-"I," Chosen, Bird Island, Tory Island to Kraemer Pass Rd.; $217,000 bonds, concrete paving or other hard surfacing Project 1-"H," Military Trail, Boca Raton Rd., $170,000 bonds, Project 1-"G," Military Trail, Delray Rd., $331,000 bonds, Project 1-"F," Military Trail, Boynton Rd., $279,000 bonds, Project 1-"E," Military Trail-Lauland Rd., $740,000 bonds, Project 1-"D," Military Trail-Lakeworth-Ocean Blvd. Rd., $3,212,000 bonds, Project 1-"A," Military Trail, $180,000 bonds, Project 1-"B," Military Trail-Jupiter Rd., $169,600 bonds, Project 1-"C," Military Trail-Kelsey City-Riviera Rd., and $3,030,000 bonds, Project 2-"A," Ocean Blvd.

La., Arcadia — Bienville Parish voted $68,500 bonds graveling various roads in Dist. 6, $20,000 bonds in Dist. 8, and $100,000 bonds in Dist. 11.

Tennessee — Dept. Hys. & Pub. Wks., Nashville, making surveys improving 20 mi. road from Kenton to Union City, Obion Co. C. N. Bass, comr.

Tenn., Erin — Houston Co. and State Dept. Highways & Pub. Wks., Nashville, plans improving 20 mi. Clarksville-Waverly Rd. $150,000. State appropriates $100,000 towards cost. C. N. Bass, highway engr. Noted May 20.

Tenn., Erwin—Unicoi Co. and State Dept. Highways & Pub. Wks., Nashville, making surveys improving 15 mi. Erwin-Johnson City Rd. C. N. Bass, highway engr.

Tenn., Kingsport — Election soon $100,000 bonds, improving various streets.

Tenn., Lynchburg—Moore Co. and State Dept. Highways & Pub. Wks., Nashville, making surveys improving 10 mi. Lincoln Co. line to Franklin Co. line Rd. C. N. Bass, highway comr.

O., Akron—W. F. Peters, dir. Pub. Serv., soon takes bids grading, curbing and vitr. brick paving, etc., 3,360 sq.yd. Lane St., $26,000; also 6,985 sq.yd. Raymond St., $56,700. E. A. Kemmler, Municipal Bldg., engr.

O., New Philadelphia—Council soon takes bids asphalt resurfacing North Bway. from Fair to Munick Sts., 40 ft. $25,348. A. T. Rosch, asst. city engr.

Ind., Indianapolis—Plans improving 4,650 ft. Thompson and Norwood Sts., Lowell, Tacoma and Elder Aves., $31,978; 5,936 ft. Pennsylvania and LeGrande Sts., $28,555; 5,429 ft. Barth, Terrace, Park and Southern Aves., $36,323; 5,177 ft. Blaine Ave. $42,183, 4,491 ft. Cruft St. from Shelby to State Sts. $27,318, 4,254 ft. Harding St. from 30th to 36th Sts. $37,867, 4,440 ft. Douglas St. from New York to Indiana Sts. $30,383, and 4,745 ft. Lee St. from Morris to Minnesota Sts. $37,923, all foregoing 24 ft. G. G. Schmidt, City Hall, engr.

Ind., Indianapolis — Marion Co. plans asphalt on stone paving 3 mi. Tibbs Ave. from Washington to 30th Sts., 20 ft. $91,000. W. W. Southard, Court House, engr.

Michigan—E. R. Benkert, resident engr., Port Huron, takes bids about June 14, 1.082 mi. S.T.L. 27-26, 20 ft., St. Clair Co.

Michigan — R. A. Beers, resident engr. Kalamazoo, takes bids about June 20, 2 course gravel paving 12 mi. T. L. 79-3, Barry Co.

Michigan—E. R. Benkert, resident engr., Port Huron, takes bids about June 15, concrete paving 1.25 mi. T. L. 27-26, 20 ft., St. Clair Co.

Mich., Birmingham — Plans curbing, guttering and 8 in. concrete paving Oakland and Poppleton Aves., Brown, Daines, Bates, George and Townsend Sts. $135,364.

Mich., Dearborn — Made plans concrete paving 1,357 sq.yd. Howe St., 8,430 sq.yd. Tenny St., 2,366 sq.yd. Audrey Ave., 1,455 sq.yd. Haigh St., 2,458 sq.yd. Homer Ave., and 2,442 sq.yd. Francis Ave. $50,000. R. H. Erley village engr.

Mich., Detroit—Plans grading, 3½ in. sheet asphalt on 8 in. concrete paving 2,460 sq.yd. Mackenzie Ave. $9,230, 26,500 sq.yd. Ryan Ave. Sect. 1 $95,280, 12,750 sq.yd. Lakeview Ave. $45,840, 3,900 sq.yd. Steel Ave. $16,320, 11,150 sq.yd. Dundee Ave. $43,800, and 2,160 sq.yd. Putnam Ave. $9,750. P. A. Fellows, city engr.

Mich., Detroit—Making plans 3½ in. sheet asphalt on 8 in. concrete paving 112,030 sq.yd. Vernor Highway, Lonyo Rd., Muirland, Appoline, Cheyenne, Civic, Joann, Central, Terry, Evanston, Indiana, Welland and Cloverdale Aves. $449,890.

Mich., Detroit — Dept. Pub. Wks., plans 3½ in. sheet asphalt resurfacing Catherin, Hancock, Leland, Lyman, Mechanic, Pulford, Superior, Sherman and Fort Sts., Canton, Chalmers, Driggs, Crawford, Cleveland, Frederick, Campbell, Hudson, Hurlbut, Holcumb, Gibson, Goethe, Goodwin, Iroquois, Mohawk, Maxwell, Marston, May, McKinley, Nall, Nebraska, Philadelphia, Perry, Parker, Pennsylvania, Peterson, Roosevelt, Springwells, Theodore, Trombley, Visger, Willis, Adams, Baltimore, Central, Forest, Grand River, Jefferson, Kercheval, Linwood, Milwaukee, Mt. Elliott, Park, 3rd and Warren Aves.; paving Secor Pl., Grant St., Agnes, Brandon, Buffalo, Connors, Coram, Carter, Clarion, Dean, Fordham, Ferry, Fairview, Glenwood, Hern, Kriby, Kilbourn, Linzee, Meade, Nevada, Stockton, Greeley and Goethe Aves. P. A. Fellows, City Hall, engr.

Mich., Fordson—Made plans curbing and concrete paving 8,790 sq.yd. Assessment Dist. 127, and 945 sq.yd. Dist. 128. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit, engrs. Noted May 6.

Mich., Muskegon—Plans curbing, guttering, sheet asphalt on stone paving 2,100 ft. Washington Ave., 30 to 40 ft. $28,000. H. J. Lewis, City Hall, engr.

Mich., Muskegon—Making plans graveling and sheet asphalt paving 14,000 sq.yd. Lake Harbor Rd. $28,000. L. H. Nielson, Court House, engr.

Mich., Muskegon—Muskegon Co., making plans grading and concrete paving 3 mi. State Trunk Line Rd. from Ottawa St. to Giles Corners. $100,000. L. H. Nielson, Court House, engr.

Illinois—Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, rejected bids May 5, concrete surfacing Route 4, Sect. 63, St. Clair and Madison Counties.

Ill., Metropolis — Takes bids in summer grading, curbing and concrete paving 25 blocks Ferry, Metropolis, Girard, 3rd and 9th Sts., 24 and 36 ft. $122,000. L. L. Harper, River Forest, engr. Noted Jan. 21.

Wis., Oconto—P. T. Meeuwson, city clk., plans paving Main and Mott Sts., Superior and Scherer Aves. $25,000.

Ia., Newton—Jasper Co. voted $800,000 bonds, paving River to River Rd. R. MacMurray, Newton, co. engr.

Mo., Kansas City — Dept. Pub. Wks., making plans paving, etc. 14 blocks Oak

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FORTUNATE COMMUNITIES

WHEN your father or your grandfather voted brick pavements for his community, he quite probably didn't realize that you, in 1925, would still be using them, and profiting by them in savings in taxes. Later, when he was tempted by a "new-fangled" pavement, it was because he thought it would be "just as good." The repairing and the repaving going on around you now, which you are paying for, is the proof that he was mistaken. The old, original, reliable, dependable brick has yet to be matched by anything of later development.

When your neighbors, business associates and friends today are tempted to approve the use of something other than brick, simply ask them which pavements in your neighborhood have given twenty years or more of service—and which types of comparable age have required the least patching and repairing.

Veteran pavements are *brick* pavements. Below are listed just a few of the communities, picked at random, which are profiting by the use today of brick pavements laid more than a quarter-century ago. The figure in parentheses after each name is age in years of the brick pavement.

Jacksonville, Fla.	(31)
Joliet, Ill.	(31)
Springfield, Ill.	(36)
Davenport, Iowa	(33)
Winona, Minn.	(33)
Greenville, Miss.	(26)
Meridian, Miss.	(27)
Lincoln, Neb.	(34)
Tonawanda, N. Y.	(34)
Bucyrus, Ohio	(30)
Cleveland, Ohio	(35)
Columbus, Ohio	(37)
Steubenville, Ohio	(37)
Clearfield, Pa.	(34)
Williamsport, Pa.	(32)
Lynchburg, Va.	(33)
New Cumberland, W. Va.	(41)

Advocate VITRIFIED Brick

NATIONAL PAVING BRICK MANUFACTURERS ASSOCIATION, ENGINEERS BLDG., CLEVELAND, OHIO

THE PAVEMENT THAT OUTLASTS THE BONDS

Streets and Roads (Continued)

St., 40- to 60-ft. $25,000. R. W. Waddell, 2920 Locust St., engr.

Mo., Kansas City—Making plans paving Warwick Blvd. between 38th and 44th Sts. To exceed $25,000. R. W. Waddell, City Hall, engr.

Mo., Keytesville — Election June 15, $25,000 bonds, paving various streets. O. G. Dameron, Keytesville, engr.

Ark., England—Takes bids about June 15, grading, curbing and Warrenite bitulithic concrete, etc., paving various streets in business district. Dickinson & Watkins, 608 Boyle Bldg., Little Rock, engr. Noted May 20.

Tex., Batesville — Zavalla Co. election soon $600,000 bonds, hard paving, etc., 42 mi. various roads; also making plans grading, bridging and gravel surfacing 32 mi. Highway 55, 18 ft. $390,000. N. H. Hunt, Batesville, co. judge.

Tex., Beaumont — Making preliminary plans shell paving 2 mi. road from point east of Vidor toward Connell, etc., 40 ft. $28,000. Private plans.

Tex., Bonham—Fannin Co. making plans concrete paving 3½ mi. Highway 5, 18 ft. $110,000. Address S. E. Nielson, Bonham, judge.

Tex., Brackettville—Kinney Co. election July 10, $150,000 bonds, probably gravel surfacing 13 mi. highway, radiating from here. J. H. Stadler, Brackettville, judge.

Tex., Brenham—Washington Co. making plans concrete paving 18.3 mi. Highway 36, 18 ft. $559,800. G. A. Bracher, Brenham, co. engr.

Tex., Carrizo Springs—Dimmitt Co. election soon $600,000 bonds hard paving 32 mi. highway. Address W. H. Davis, Carrizo Springs, judge.

Tex., Columbus — Colorado Co. plans improving 14 mi. highway. $140,000. Federal Aid appropriated $54,000 towards cost. Address County Judge.

Tex., Corpus Christi—See "Unclassified."

Tex., Eagle Pass — Maverick Co. takes bids after June 10, gravel surfacing 24½ mi. Highway 85, 18 ft. $122,000. State Aid appropriated about 50% of cost. C. E. Wright, Eagle Pass, engr.

Tex., Galveston—Election June 29, $250,000 bonds, paving various streets. C. A. Holt, Jr., city engr.

Tex., Galveston—Galveston Co., election soon $500,000 bonds, improving highway. C. C. Washington, Galveston, engr.

Tex., Gatesville — Coryell Co. making plans asphaltic concrete paving 1.288 mi. Highway 7, 20 ft. $27,375. M. L. Minter, Gatesville, co. engr.

Tex., Jourdanton—Atascosa Co. making plans asphalt on macadam paving 4.687 mi. Highway 9-A, 18 ft. $91,300. J. V. Curnutte, Jourdanton, engr.

Tex., La Grange—Making plans grading, bridging and gravel surfacing 7½ mi. Highway 44. $120,500. R. E. Schiller, La Grange, engr.

Tex., Linden—Cass Co. making plans 1 in. rock asphalt on stone paving 9.45 mi. Highway 8, 18 ft. $166,000. F. E. Hess, Linden, co. engr.

Tex., Olmito (near Brownsville) — A. Parker Securities Co., Brownsville plans hard paving 21 mi. streets throughout 1,000 acre property, incl. 3 mi. scenic drive, here. $450,000, also 40 mi. concrete sidewalks $45,000.

Tex., Point Isabel—James-Dickinson Co., Point Isabel and Brownsville, etc. making plans and takes bids improving 2 mi. various streets, 40-80 ft. $150,000.

Tex., San Antonio — Making plans hard paving 8 blocks Guadalupe St. from South Laredo to Brazos Sts., 40 ft. $59,000. I. Ewig, city engr.

Tex., Sweetwater—Nolan Co. made plans grading, bridging and bituminous macadam paving 4.1 mi. Highway 70. $113,326. J. O. Focht, Sweetwater, engr.

Tex., Tyler—Smith Co. making plans two course bituminous topping 14 mi. Highway 64, and 6 mi. Highway 31, 18 ft. $75,000. D. K. Caldwell, Tyler, co. engr.

Okla., Pawnee—Pawnee Co. voted $400,000 bonds, paving 54 mi. various roads, 30 ft. J. M. Page, Capitol, Oklahoma City, engr. Noted May 6.

Okla., Guthrie—Plans grading and concrete paving 12,770 sq.yd Drexel Ave. and various alleys. $37,575. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Wash., Ellensburg—Making plans concrete paving, etc. 20 blocks various streets, 30 ft. $77,164.

Calif., Los Angeles—Made plans improving Cabrillo St. between 12th and 22nd Sts., 4,418 cu.yd. cut, 28,262 sq.ft. 5 in. concrete paving, 102,509 sq.ft. 2 in. Willite on 5 in. asphaltic concrete surfacing, etc.; Rosanna St. between Riverside Dr. and Ripple St., 8,988 cu.yd. cut, 208,965 sq.ft. 5 in. concrete paving with 7 in. expansion joint on centre line, etc.; and 2 in. Warrenite surfacing, etc., 7th, Ingraham Sts., etc., near Figueroa St. J. C. Shaw, City Hall, engr.

Calif., Los Angeles—Made plans improving Rosanna St. between Riverside Dr. and Ripple St., 208,965 sq.ft. 5 in. concrete paving with 7 in. expansion joint on center line; also Florence Ave. between South Park and Vermont Aves., 205,532 sq.ft. 4 walk, 542,757 sq.ft. 8 in. concrete paving with 10 in. expansion joints, 24,221 sq.ft. 3 in. asphaltic concrete base. J. C. Shaw, City Hall, engr.

Calif., Los Angeles — Los Angeles Co. made plans improving Co. Impvt. 363, portion Centre St., 4,971 cu.yd. excav., 49,870 sq.ft. 2 in. Willite on 3 in. asphaltic concrete paving and 51,571 sq.ft. disintegrated granite sub-base, etc.; also Co. Impvt. 554, portion Seville Ave., 1,096 cu.yd. excav., 1,994 ft. curbing, 1,780 sq.ft. guttering, 37,548 sq.ft. concrete paving, etc. G. W. Jones, co. rd. comr.

Calif., Los Angeles—Made plans curbing and 6 in. special section concrete paving with 8 in. expansion joint on centre line 94,084 sq.ft. Alcott and Holt Sts. J. C. Shaw, City Hall, engr.

Calif., Los Angeles — Los Angeles Co. made plans paving road south ½ of Sherman Way between Van Nuys and Ownesmouth. $350,000. G. W. Jones, co. rd. comr.

Calif, Oakland—Made plans improving East 18th St. between 4th and 14th Aves., 69,922 sq.ft. grading, 63,733 sq.ft. 1½-in. Warrenite bitulithic on 5-in. concrete surfacing, etc.; also 82nd Ave. between East 14th and Olive Sts., 94,884 sq.ft. grading, 84,012 sq.ft. asphaltic concrete paving, etc. W. W. Harmon, city engr.

Calif., Oakland—Making plans repaving Grand Ave. between Euclid Ave. and Mandana Blvd. $45,000. W. W. Harmon, city engr.

Calif., Oroville—Butte Co. made plans improving Lone Pine Ave., 2,500 tons stone surfacing, 79 tons asphalt Grade "E" oil, asphaltic macadam paving, etc. H. H. Hume, Oroville, co. engr.

Calif., San Francisco—Made plans 8 in. concrete paving, etc. 62,050 sq.ft. Bluxome St. between 4th and 6th Sts. $26,000. M. M. O'Shaughnessy, city engr.

Calif., San Francisco — Plans widening, curbing, paving, etc. Silver Ave., $25,500; paving, curbing, etc. Turk St. between Masonic and Willard Sts. $36,000, San Jose Ave. between Cotter and Monterey Blvd. $27,000, Grand View Ave. $45,000, 3rd St. between Berry and 18th Sts. $67,500, Bay Shore Highway $135,000 (to be appropriated by city) and Ocean Shore Highway $45,000. M. M. O'Shaughnessy, city engr.

Calif., San Luis Obispo — Making plans improving Buchon St., 6,573 sq.ft. concrete walks, 784 lin.ft. concrete curbing, 121,481 sq.ft. 6 in. concrete paving, etc. L. W. Moore, city engr.

Calif., San Rafael—Making plans grading, curbing, and permanent paving portions Belle Ave., Elm, Watt Sts., etc. To exceed $25,000.

Calif., Santa Ana—Made plans improving portions of Pomona, Berkeley Sts., etc., 129,660 sq.ft. concrete paving, 2,486 ft. 6 in. sewer, etc. N. H. Neff, city engr.

Calif., Santa Barbara — Making plans paving, curbing, walks, etc. on East Blvd. between State St. and Booths Point. $400,000 or more. C. W. Moore, city engr.

Calif., Vallejo — Making plans paving, curbing, guttering, walks and paving, etc. portions George, Louisiana, Branciforte and Marin Sts., etc. To exceed $25,000. T. D. Kilkenny, city engr.

Ontario — Queen Victoria Park Comn., Niagara Falls, plans 2 mi. extension Canadian Niagara Blvd. from Bridgeburg to Old Fort Erie. $50,000.

Ont., Lambton — Plans concrete paving Lake Shore Rd. $40,000. J. McCallum, County Bldg., Sarnia, engr.

Ont., Peterboro—Council plans concrete paving Reid and Ribidge Sts. $43,000. S. R. Armstrong, City Hall, engr.

Ont., Renfrew — Provincial Hy. Dept., Toronto, soon takes bids penetration macadam paving 6 mi. Ottawa-Pemeroke Highway, 20 ft. $1,000,000.

Ont., St. Catharines—Making plans asphaltic concrete paving Geneva St., $22,290; and asphalt surfacing Ontario St., $21,800. B. F. Lamson, City Hall, engr. Noted Apr. 22.

Ont., Toronto—York Twp. plans 12 in. brick block guttering and asphaltic concrete paving 2,800 ft. Rushton Rd., $25,076; bitulithic paving, etc. 850 ft. Hanson Rd. $12,534, and 1,150 ft. Robina Ave. $17,213. F. B. Goedike, 40 Jarvis St., engr.

Ont., Toronto — City council soon takes bids concrete curbing 1,180 lin.ft. Hanson St., $1,108; 5 ft. concrete sidewalks on 630 ft. Belsize Dr. $1,829 and 610 ft. Hanson St. $1,139, also 6 ft. walks on 260 ft. Wychwood Ave. $892; asphalt paving, etc. Gladstone Ave. $5,277, Hanson St. $9,911; Markham St. $14,933 and Robinson St. $6,225, also concrete paving lane first north of Montrose Ave. $5,661. R. C. Harris, City Hall, engr.

Que., Westmount — Plans paving St. Catherine St., Green and Glen Aves. $60,000.

Ont., Guelph — Plans concrete paving 8,000 sq.yd. various streets, $24,000; and 1,000 lin.ft. concrete sidewalks on various streets, $1,200. H. S. Nicklin, City Hall, engr.

Alta., Edmonton — Plans grading and paving various streets. $130,000. K. A. Blatchford, mayor.

Bids Desired

New Hampshire — June 11, by State Hy. Dept., Concord, concrete paving, etc. 10,400 sq.yd. highway in Hillsboro and Manchester, $47,000; bituminous macadam paving 8,596 sq.yd. in Grafton and Plymouth, $25,000; also bridging and asphalt paving 6,680 sq.yd. in Merrimack and Franklin, $41,000. F. E. Everett, Concord, comr.

Massachusetts—June 15, by Dept. Pub. Wks., Boston, bituminous macadam paving 4,500 ft. highway in Lakeville 2,100 ft. in Enfield, 5,732 ft. in Middleborough, 2,700 ft. in Sharon, 2,950 ft. in Freetown, 5,417 ft. in Winchendon, and 5,866 ft. in Stockbridge. W. F. Williams, comr.

Mass., Boston—June 14, by Dept. Pub. Wks., sheet asphalt or bitulithic paving Tremont St. and Harvard Ave. $25,000. J. H. Sullivan, comr.

Mass., Boston—June 16, by Dept. Pub. Wks., artificial stone sidewalks on Bullard, Evans, Hamilton, Robin Hood, Dane and Foster Sts., also Elm Hill and Lochstead Aves. $25,000. J. H. Sullivan, comr.

Mass., Holliston—June 22, by Dept. Pub. Wks., Boston, bituminous macadam paving 17,493 ft. highway, 18 ft., here. W. F. Williams, comr.

Mass., North Adams—June 23, by E. R. Doble, comr. Pub. Wks., curbing, sidewalks, and concrete paving, etc., River St.; adv. E. N.-R. June 10.

N. Y., Brooklyn — June 16, by J. A. Guider, pres. Brooklyn Boro, Boro Hall, grading, curbing, flagging, etc., 90th and 54th Sts., East 31st and 13th Sts.; grading and 3 in. asphaltic block on 6 in. concrete paving 41st and 51st Sts.; grading and asphalt on concrete paving Bay Ridge, Atkins, and Brooklyn Aves., Lorimer, Sackman, East 9th, 13th, 31st, 35th, Hinsdale, 54th and 90th Sts.

N. Y., Bronxville—See "Bridges."

N. J., New Brunswick—June 17, by Bd. Freeholders Middlesex Co., concrete paving 10,636 sq.yd. Aqueduct-Plainsboro Cranbury Rd., and 0.75 mi. Stelton-New Market Rd.; also sheet asphalt paving section South Amboy-Sayreville Rd., Sayreville Boro. W. F. Buchanan, 75 Smith St., Perth Amboy, engr.

N. Y., New York—June 16, by J. Miller, pres. Manhattan Boro, Municipal Bldg., grading and asphalt block on concrete repaving Bethune St.; sheet asphalt repaving Madison and 5th Aves.

N. Y., New York—June 18, by A. Goldman, comr. Plant & Structures, Municipal Bldg., paving and sidewalks easterly end 155th St. viaduct.

New Jersey—June 28, by State Hy. Comn., Trenton, constructing Route 9, Sect. 16A, Bloomsbury-West Portal Highway, Hunterdon Co.; Route 20, Sect. 6, Franklinville-Malaga Highway, Gloucester Co.; and Route 1, extension in Essex and Hudson Counties, A. L. Grover, secy.; adv. E. N.-R. June 10.

N. J., Paulsboro—June 16, by Bd. Freeholders Gloucester Co. (Woodbury), grading and paving 67,005 sq.yd. Paulsboro-Jefferson Rd., here. W. C. Cattell, Woodbury, engr.

N. J., Roselle—June 18, by Boro Council, Borough Hall, grading, curbing, asphaltic concrete or rein.-con. paving various streets. W. M. Van Wagner, boro engr.; adv. E. N.-R June 10.

N. Y., St. George — June 16, by J. A. Lynch, pres. Richmond Boro, Boro Hall, grading, curbing, guttering and bituminous macadam paving Ellsworth Pl. and Homestead Ave.

N. J., Woodbury—June 16, by Bd. Freeholders Gloucester Co., Courthouse, rein.-con. paving approximately 67,005 sq.yd. Paulsboro-Jefferson Rd. W. C. Cattell, Court House, co. engr.; adv. E. N.-R. June 10.

Pa., Uniontown—June 17, by E. Houston, controller, Fayette Co., rein.-con. paving 15,153 ft. Continental No. 3-High House Rd.; also concrete resurfacing 7,243 ft. Thompson Crossing-Revere Rd.; and grading, constructing 16 ft. span rein.-con. bridge, etc. on 7,327 ft. Haydentown-Ices Ferry Rd.

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A Nichols 36" sewer pipe 10' long, 2¼" wall thickness, 3½ lbs. reinforcement per lin. foot. Total load to first full length outside crack, 42,000 lbs.

Nichols Concrete Pipe

Centrifugally Densified

Manufacturing Processes and Equipment Fully Patented

Nichols Pipe easily exceed standard strength requirements for pipe designed for pressure lines and for sewers.

They are spun in a machine that has many important advantages which contribute to the quality of the product and its economical manufacture.

Each pipe is cast in a one-piece mold, which cuts handling costs.

The screw feed assures even distribution of aggregate and builds up a pipe wall of uniform density and strength.

The patented burnisher removes excess water and deleterious material from the pipe interior while densifying and gives it a virtual glaze.

Portable plants are available, making it possible to manufacture the pipe near or at the job. Our system of bulkhead curing insures a product of uniform quality.

We are prepared to execute pressure pipe and railway culvert pipe contracts and to equip and license plants for the manufacture of sewer and highway culvert pipe.

We shall be glad to discuss the pipe business with responsible individuals and corporations.

Nichols Centrifugal Products Corporation
8100 E. Jefferson Ave., Detroit, Mich.

Streets and Roads (Continued)

Maryland—June 15, by State Rds. Comn., Baltimore, concrete paving 1 mi. Contr. W-44, Washington Co., and 2.28 mi. Contr. P-67, Prince Georges Co.; graveling 2 mi. Contr. Ch-40, Charles Co.; and concrete shoulders on 1 mi. M-71, Montgomery Co. J. N. Mackall, chn.; adv. E. N.-R. June 10.

Md., Baltimore—June 16, by Bd. Awards, sheet asphalt paving 7,400 sq.yd. Constr. 345; and concrete paving 9,980 sq.yd. Contr. 346. S. Purcell, City Hall, highways engr.

W. Va., Glennville—June 23, by Gilmer Co. Court, N. E. Rymer, clk., grading, etc., 1.4 mi. Big Cove Rd., Project 3364, Route 18, Troy Dist., and 11.4 mi. Staunton-Parkersburg Pike, Project 3364, Route 11, Troy Dist.

W. Va., Glennville—June 23, by Common Council, grading, curbing and concrete paving Main, Bridge, Court and College Sts. $41,500. Horner Bros., Clarksburg, engrs.

W. Va., Lewisburg—June 12, by Greenbrier Co. Court, bituminous macadam on present waterbound macadam surfacing 1 mi. Arbuckle Lane, 9 ft.; grading and bituminous macadam surfacing 1 mi. Back Frankford Rd., 0.75 mi. Sydenstricker Rd., 1 mi. Huffnagle Rd., Brush Rd., length to make expenditure $8,500, Bunger and Herns Mills Rd., $4,250, Reader Rd. $8,500, all foregoing 9 ft., Judyville Rd., 16 ft. $3,500, Church St. from Midland Trail to Fort Spring, German St.-Holt Lane Rd. from Church St. to Lipps Lane, Jefferson St. from Main St. to Arbuckle Lane, Echols Lane, $4,000, Court St. $2,000, and Chestnut St. from Jefferson to Lee Sts.; grading and creek gravel surfacing 1.6 mi. Greenbrier River Rd., 9 ft.; grading and broken stone surfacing 1 mi. Biggs-Watts Rd., 9 ft., Raders Valley Rd., $8,500, Racket St. $4,000, and Sydensticker Rd. $4,250. H. L. Handley, Lewisburg, co. engr.

North Carolina—June 29, by State Hy. Comn., Raleigh, hard surfacing roads in Guilford, Union, Stokes and Madison Counties; topsoiling, sand clay, gravel or grading roads in Bertie, Chowan, Halifax, Sampson, Wake, Randolph, Davidson, Scotland, Davie, Henderson, McDowell and Transylvania Counties; structures only in Richmond Co.; adv. E. N.-R. June 10.

South Carolina—June 15, by State Hy. Dept., Columbia, sand clay surfacing, etc., 8.7 mi. State Route 121, State Project S-550-A Aiken Co., 9.5 mi. State Route 6, State Project S-606-A Orangeburg Co., and 4.2 mi. State Route 53, State Project S-632 Florence Co.; concrete paving, etc., 8.6 mi. State Route 2, State Project 38-C Oconee Co.; topsoiling, etc., 4.8 mi. State Route 2, State Project S-631-A Pickens Co., and 0.511 mi. State Route 9, Federal Aid Project 269, Chester-Lancaster Counties; also crowning, shaping and maintaining subgrade on 3.9 mi. State Route 12, State Project S-522-C, Aiken Co., State Highway Engineer, Columbia, engr.

Fla., Tampa—June 15, by City Comrs., grading, granite curbing, and 2 in. Filbertin surfacing 10,500 sq.yd. paving, etc., Impvt. 151 and 156, portions Chestnut and Mohawk Sts. $30,000. A. D. Martin, City Hall, engr.

Fla., Tampa—June 15, by City Comrs., 4 x 18 in. granite curbing, and 2 in. Filbertin on 6 in. rock paving portions 13th and 9th Sts., Impvts. 197 and 198, $25,000; also 10,500 yd. Palmetto and Comanche Sts., Impvts. 168 and 196, $30,000. R. D. Martin, City Hall, engr.

Alabama—June 16, by State Hy. Comn., Montgomery, **(F. A. P. means Federal Aid Project and S. A. P. means State Aid Project)**, improving 5 mi. Butler-Coatopa Rd., S. A. P. 100-A, Choctaw Co., 20.211 acres clearing and grubbing, 70,238 cu.yd. earth and 200 cu.yd. rock excav., 7,195 sta.yd. overhaul, 57,134 lb. reinforcing, 16,411 sq. yd. Bermuda sod, etc.; 11.58 mi. Linden-Thomaston Rd., F. A. P. 132, Marengo Co., 15.25 acres cleaaring and grubbing, 87,992 cu.yd. earth and 4,006 cu.yd. rock excav., 5,781 sta.yd. overhaul, 31,000 lb. reinforcing, 18,000 sq.yd. Bermuda sod, 181,639 ft. creosoted timber, 5,984 ft. creosoted piling, etc.; 14.9 mi. Fruitdale-Mobile Co. line Rd., S. A. P. 79, Washington Co., 98.85 acres clearing and grubbing, 163,593 cu.yd. earth excav., 48,000 sta.yd. overhaul, 58,300 lb. reinforcing, 30,000 sq.yd. Bermuda sod, etc.; 1.04 mi. Mountain Creek-Soldiers Home Rd., S. A. P. 153, Chilton Co., 3.7 acres clearing and grubbing, 7,805 cu.yd. earth and 500 cu.yd. rock excav., 2,335 sta.yd. overhaul, 3,138 lb. reinforcing, 2,500 sq.yd. Bermuda sod, etc.; 4.5 mi. Coffee Springs Rd., S. A. P. 108, Geneva and Coffee Counties, 4.76 acres clearing and grubbing, 24,255 cu.yd. excav., 2,890 sta.yd. overhaul, 6,479 lb. reinforcing, 9,000 sq.yd. Bermuda sod, 22,508 ft. creosoted timber, 936 ft. creosoted piling, etc.; 15 mi. Boaz-Attalla Rd., F. A. P. 165, Etowah Co., $1.105 acres clearing and grubbing, 103,432 cu.yd. earth and 57,394 cu.yd. rock excav., 241,928 sta.yd. overhaul, 72,611 lb. reinforcing, 29,548 sq.yd. Bermuda sod, etc.; 6.44 mi. Citronville-Neosho Co. line Rd., S. A. P. 54, Mobile Co., 15.51 acres clearing and grubbing, 66,436 cu.yd. excav., 27,795 sta.yd. overhaul, 16,084 lb. reinforcing, 12,000 sq.yd. Bermuda sod, etc. W. A. McCalla, highway engr.

Miss., Louisville — June 15, by Bd. Supervs. Winston Co., improving 6.994 mi. Federal Aid Project 74-D, 44,270 cu.yd. excav., 241 cu.yd. borrow, 25,901 lb. reinforcing, 2.7 mi. Bermuda sod, etc. H. C. Dietzer, Jackson, engr.

Miss., Quitman—June 16, by Bd. Supervs. Clarke Co., improving 3.725 mi. Federal Aid Project 180-B, 33,843 cu.yd. excav., 11,338 cu.yd. borrow, 46,749 lb. reinforcing, 1.82 mi. Bermuda Sod, bridges over 20 ft. span, 35,878 ft. creosoted and 1,260 ft. untreated timber, 1,336 ft. creosoted piling, etc. H. C. Dietzer, Jackson, engr.

Miss., Woodville — June 18, by Bd. Supervs. Wilkinson Co., improving 7.926 mi. Federal Aid Project 62-A, 53,730 cu.yd. excav., 5,681 cu.yd. borrow, 40,585 lb. reinforcing, 16,634 cu.yd. gravel 1 mi. haul, 68,613 units ½ mi. haul, 3.2 mi. Bermuda sod, etc. H. C. Dietzer, Jackson, engr.

Louisiana—June 29, by State Hy. Comn., Baton Rouge, graveling 8.2 mi. Minden-Springhill Highway, State Project 411-D, Webster Parish, and 0.82 mi. St. Amant-Port Vincent Highway, State Project 459-B, Ascension Parish; also separate bids furnishing gravel for above. W. B. Robert, Reymond Bldg., Baton Rouge, highway engr.

Ohio—June 11, by G. F. Schlesinger, dir. Highways & Pub. Wks., Columbus, grading, macadam, concrete, gravel, brick, asphalt, crushed stone, paving, etc. 311.366 mi. roads in Adams, Highland, Allen, Ashland, Athens, Brown, Butler, Carroll, Champaign, Clark, Clinton, Columbiana, Coshocton, Crawford, Cuyahoga, Fairfield, Franklin, Fulton, Geauga, Greene, Guernsey, Hancock, Highland, Huron, Lake, Lorain, Marion, Wyandot, Medina, Mercer, Monroe, Montgomery, Morgan, Muskingum, Perry, Portage, Richland, Sandusky, Stark, Trumbull, Warren, Washington, Williams, and Wood Counties. $5,060,558. R. H. Simpson, city engr.

O., Akron—June 21, by W. F. Peters, dir. Pub. Serv., grading, curbing, guttering and vitr. brick paving 9,070 sq.yd. and concrete paving 355 cu.yd. West South St., $101,900; vitr. brick paving 10,900 sq.yd. East North St. $62,000, 3,360 sq.yd. Lane St. $26,000, 7,055 sq.yd. Snyder St. et al $44,800, 4,525 sq.yd. Diagonal Rd. 1 $25,800, 10,910 sq. yd. Diagonal Rd. 2 $68,400, and 18,455 sq.yd. Blanche St., et al $143,000. E. A. Kemmler, Municipal Bldg., engr. Noted May 20.

O., Columbus—June 22, by W. H. Duffy, dir. Pub. Serv., grading, curbing and Durax paving 316 ft. Naghten St., 50 ft. $8,134; stone curbing and asphalt paving 4,371 ft. Walhalla Rd., 41 ft., $76,049; grading, curbing and paving with **(a)** brick **(b)** asphalt 514 ft. Spring St., 46 ft., **(a)** $7,795 **(b)** $7,095; 1,188 ft. 24th Ave., 24 ft. **(a)** $20,868 **(b)** $18,669, 4,699 ft. Torrence Rd., Duxberry and 15th Aves., 26 ft., **(a)** $69,-755 **(b)** $63,344; and 882 ft. Hutson Ave. and Innis Rd., 30 ft. **(a)** $42,573 **(b)** $35,-468. R. H. Simpson, city engr.

Indiana—June 22, by J. D. Williams, dir. State Hy. Comn., Indianapolis, **(S. R. means State Road)** brick, bituminous concrete and concrete paving, etc. approximately 11.5 mi. S.R. 1 and 38, Floyd and Clark Counties; 5.472 mi. S.R. 39, Shelby and Rush Counties; 6.495 mi. S.R. 39, Rush Co.; 5.275 mi. S.R. 2, Porter Co.; 5.5 mi. S.R. 2, Porter and LaPorte Counties; 0.897 mi. S.R. 16, Vanderburg Co.; 5.562 mi. road in Jasper Co.; 5.967 mi. road in Jasper and Porter Counties; 7.6 mi. S.R. 2, Starke and La Porte Counties; and 6.924 mi. S.R. 18, Dubois Co.

Ind., Ft. Wayne—June 25, by Bd. Comrs. Allen Co., grading and paving 5.76 mi. Illinois Co. Unit Rd. $161,993. J. H. Johnson, co. aud.

Ind., Ft. Wayne—June 25, by Bd. Comrs. Allen Co., grading and paving 10,710 ft. Summers Rd. $60,713. J. H. Johnson, aud.

Ind., Indianapolis — June 11, by City, permanent improving 2,309 ft. Euclid Ave., 30 ft. $46,378. G. G. Schmidt, City Hall, engr.

Ind., Indianapolis — June 11, by City, grading, wooden block, asphalt or asphaltic concrete on concrete paving, etc. 2,368 ft. Linwood Ave., $37,130; 2,322 ft. Drexel Ave., $41,944; 1,322 ft. Shannon St., $26,-596; also Euclid Ave. G. G. Schmidt, City Hall, engr.

Michigan — June 14, by E. R. Benkert, resident engr., Port Huron, concrete paving 1.483 mi. T. L. 27-24, 20 ft. St. Clair Co.

Michigan—June 16, by A. R. Schaefer, resident engr., Newberry, surface treating 6 mi. T. L. 25-2A, Luce Co.

Michigan — June 16, by Muskegon Co. concrete paving 10.63 mi. A. D. 20, in Laketown and Fruitland Twps. L. H. Neilsen, Muskegon, engr.

Mich., Atlanta—June 15, by State Hy. Dept., at Alpena, graveling 2.828 mi. Federal Aid 199, Sect. A, Montmorency Co. G. H. Green, Alpena, engr. Noted June 3.

Mich., Muskegon — June 16, by Road Comrs. Muskegon Co., grading, concrete and sheet asphalt paving 10.8 mi. Lake Shore Rd., 20 ft., etc., also 40 ft. I-beam bridge over Duck Lake Channel. $437,000. L. H. Nielsen, Court House, engr. Noted May 20.

Mich., Wyandotte — June 17, by E. C. Bryan, city clk., curbing, concrete paving, etc., 3,432 sq.yd. Assessment Dist. 50, 8,630 sq.yd. Dist. 51, 3,886 sq.yd. Dist. 52, and 7,412 sq.yd. Dist. 53. Hubbell, Hartgering & Roth, 2640 Buhl Bldg., Detroit, engrs.

Ill., Avon—June 15, by Village, grading, curbing, guttering, sewers, and 7 in. concrete paving 12,225 sq.yd. various streets. F. M. Connolly, 428-431 Peoples Trust & Savings Bank Bldg., Galesburg, consult. engr.

Ill., Chicago — June 14, by Bd. Local Impvts., Room 207, City Hall, 6 ft. concrete sidewalks on Walden Parkway, Irving Park Blvd., West 58th, West 113th and West 114th Pl., West 57th, 58th and 59th, Isidor, East 80th, 81st and 82nd, West 61st and 62nd, West 84th and 85th, South Paulina, South Wood, Loomis, South Bishop, Laflin, West 96th, Fletcher, Metropole, East 83rd, 84th and 85th, West 47th, 48th and 49th, West 56th and 57th, South Mozart, South Richmond, Fletcher, George, Wolfram, East 93rd and 94th, Dakin, Byron, North Neenah, North Normandy, West 105th, 106th and 107th Unnamed, Plamer, West 105th, 106th and 107th, South Leavitt, East 80th, 81st and 82nd, West 122nd and 123rd, South Sangamon, School, West 63rd, 64th and 65th, West 57th and 58th, South Whipple, South Troy, and South La Salle Sts., South Lawndale, South Hamlin, Palatine, Natoma, North Normandy, North Oak Park, North New Castle, Newark, Ingleside, Drexel, Maryland, Cottage Grove, South Crawford, South Karlov, South Redvale, South Keeler, South Marshfield, South Hermitage, Ashland, Wentworth, Yale, Princeton, Harvard, Belmont, Barry, North Melvina, North Mobile, Anthony, Euclid, Bennett, Constance, Macfarlane, South Keeler, South Tripp, South Kildare, South Kolin, South Kostner, South California, South Mozart, South Francisco, South Sacramento, Wellington, North Austin, North Meade, North Melvina, Wellington, North Sayre, North Nordica, Phillips, Yates, Ogelsby, Crandon, Luella, North Neenah, North Normandy, North Oak Park, Wellington, Versey, North Melvina, North Merimac, North Mobile, North Mulligan, South Artesian, South Campbell, South Maplewood, Talcott, Bryn Mawr, North Nordica, North Neva, North Harlem, Dickens, Armitage, North Newland, North Sayre, North Nordica, South Leavitt, South Irving, South Oakley, South Claremont, Pratt, North Shore, Albion, Onarga, Oconto, Octavia, Odell, South Park, Calumet, Prairie, South Spaulding, Turner, South Homan, South Kilbourne, South Francisco, South Richmond, South Sacramento, South Whipple, South Albany, Peterson, Manton, Markham, North Austin, Schrieber, Ravenswood, Lafayette, South La Salle Aves. J. J. Sloan, pres.

Wisconsin—June 15, at Office 2, Stephenson Bldg., Milwaukee, grading and 20 ft. concrete paving, etc., 65,802 sq.yd. Federal Aid Project 429-A, Kenosha Co.; 11,222 sq. yd. Federal Aid Project 434-B, Milwaukee Co.; and 18,252 sq.yd. State Project Job 2672-B, Waukesha Co. J. T. Donaghey, Madison, ch. engr.

Wis., Marinette—June 14, by S. O'Shea, city clk., 7 in. rein.-con. paving, etc. Park Ridge Ave. between Park and Houston Sts., $17,000, Miller St. $20,000 and Carney Ave. between Hosmer and 5th Sts.; also two course rein.-con. paving, etc. Hosmer St. between Carney and Main Sts., $40,000. A. L. Hillis, City Hall, engr. Noted Mar. 25.

Wis., Milwaukee—June 12, by Dept. Pub. Wks., R. E. Stoelting, comr., asphalt resurfacing, etc. 15,189 sq.yd. Juneau Ave., Edison and North Water Sts.; also sheet asphalt paving, etc. 1,699 sq.yd. North Water St. J. Schwada, City Hall, engr.

Ia., Cresco — June 16, at office Auditor Howard Co., grading, etc, 6.02 mi. road, 31,655 cu.yd. excav., 5,475 cu.yd. channel change, 20,248 sta.yd. overhaul, etc. L. Brown, Cresco, co. engr.

Ia., Des Moines — June 15, at office Auditor Polk Co., grading 16 mi. Clive-Grimes, Murrow and Elkhart-Cambridge

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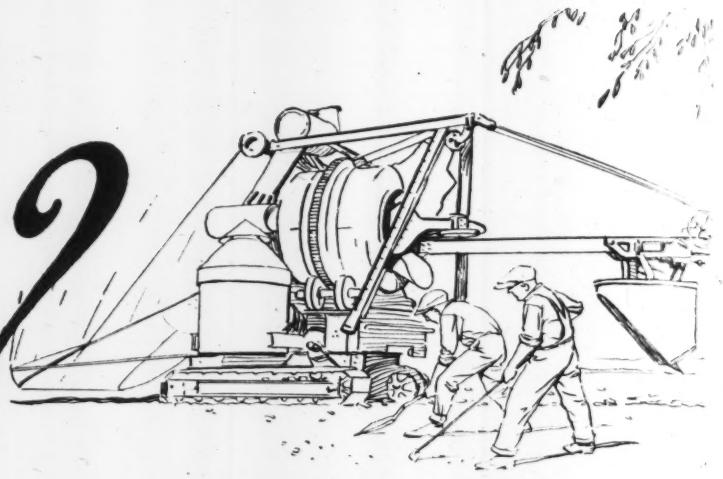
Ready with a Batch?



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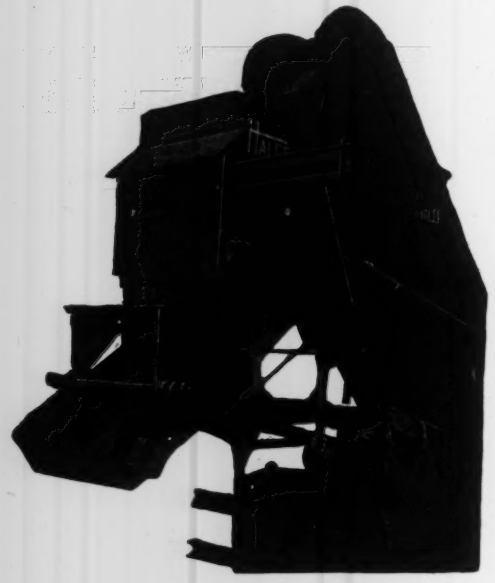

The New Batch Hopper is an important Haiss Loader Improvement

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Streets and Roads (Continued)

Rds., 132,353 cu.yd. excav., etc. F. O. Laing, Des Moines, co. engr.

Ia., Ft. Dodge—June 15, at office Auditor Webster Co., gravel surfacing 0.5 mi. road south of Dolliver Memorial Park, Primary Road Project 389-C; and grading 4.016 mi. Federal Aid Project 272, 26,621 cu.yd. excav., 16,900 sta.yd. overhaul, etc. G. Burnett, Ft. Dodge, co. engr.

Ia., Ft. Dodge.— June 15, at office Auditor Webster Co., gravel surfacing 5.052 mi. and grading 2.323 mi. road west of Lehigh, Federal Aid Project 270, 48,894 cu.yd. excav., 8,352 cu.yd. gravel, etc. G. Burnett, Ft. Dodge, co. engr.

Kan., Independence—June 22, by Clerk Montgomery Co., grading, and concrete or vitr. brick surfacing 21,129 sq.yd. Federal Aid Project 199-A, and 29,671 sq.yd. Sect. B same project. H. K. Hibbard, Independence, co. engr. Noted May 27.

Kan., Mound City—June 25, by Clerk Linn Co., grading and concrete, vitr. clay or bituminous macadam paving 36,102 sq.yd. Federal Aid Project 109-C. C. E. Kenney, Mound City, co. engr.

Texas—June 15, by State Hy. Comn., Austin, H. Moseley, chn., two course 1 in. rock asphalt on limestone rock paving 16.098 mi. Highway 12, Federal Aid Project 429-G, Unit 2, Jim Wells Co. $315,700, 14.417 mi. same road, Federal Aid Project 429-H, Unit 2, $293,600, 5.931 mi. same road, Federal Aid Project 424-C, Unit 2 $124,435, 14.3 mi. same road, Federal Aid Project 429-E, Unit 2 $233,900, 13.69 mi. same road, Federal Aid Project 429-F, Unit 2 $282,500. F. E. Hess, Alice, co. engr.

Tex., Coleman—June 15, by Comrs. Coleman Co., single bituminous surface treating, 60.93 mi. Highway 7 and 23, Federal Aid Project 371-303-194-196, 18 ft. $300,000. J. Gresham, Coleman, engr. Noted Mar. 4.

Tex., Georgetown—Taking bids gravel and macadam paving 6.01 mi. Highway 2-B, Federal Aid Project 427, Unit 2, 18 ft. $42,000. M. C. Welborn, Georgetown, engr. Noted May 6.

Tex., Gonzales—June 15, by Comrs. Gonzales Co., bituminous macadam surfacing 8.084 mi. Highway 81, Federal Aid Project 440-D, Unft 2, 18 ft. $133,000. J. G. Irby, Gonzales, engr. Noted May 6.

Tex., Mt. Pleasant—June 22, by E. L. Myers, judge Titus Co., clearing, grubbing, bridging and grading 0.776 mi. Highway 65, Federal Aid Project 333-B, Sect. 2, 26 ft. $56,000. C. Chappell, Pittsburg, co. engr.

Tex., Pittsburg—June 21, by J. R. Hooten, judge Camp Co., clearing, grubbing, grading and bridging 5.019 mi. Highway 65, Federal Aid Project 333-B, Sect. 1, 26 ft. $167,000. C. Chappell, Pittsburg, co. engr.

Tex., Raymondville—June 15, by J. E. Johnson, city engr., curbing, guttering, rein.-con., bituminous on concrete or bituminous on gravel paving 25,000 sq.yd. various streets, for City. $70,000.

Tex., Slaton—City, c/o H. Austin, secy., taking bids curbing, guttering, and brick asphalt or concrete paving 45,141 sq. yd. various streets. $130,000. Montgomery & Ward, 545 Harvey-Snider Bldg., engrs.

Okla., Oklahoma City—June 14, by W. A. Jackson, clk. Oklahoma Co. concrete base on 14,370 sq.yd. Sect. 4, Oklahoma Co. Rd., $41,200; and on 17,460 sq.yd. Sect. 10, county road, $48,000. R. S. James, Court House, engr.

Colo., Denver—June 15, by Dept. Impvts. & Parks, asphaltic concrete paving 12 blocks each in Washington Park Paving Dist. 5, South Capitol Hill Paving Dist. 7, and Capitol Hill Paving Dist. 14. A. K. Vickery, City Hall, engr.

New Mexico—June 21, at office J. A. French, state engr., Santa Fe (**F. A. P. means Federal Aid Project**), grading and two course graveling 3.27 mi. F. A. P. 97-A; grading, two course graveling and bridging, etc., 5.56 mi. F. A. P. 114-A, 5.97 mi. F. A. P. 114-B, 10.26 mi. F. A. P. 147-B, and 8.95 mi. F. A. P. 147-D; also bridges F. A. P. 147-C

California—June 21, by State Hy. Comn., Sacramento, concrete paving 0.55 mi. road between West Sacramento and M St. bridge. R. M. Morton, Forum Bldg., highway engr.

Calif., Alturas—June 21, by L. S. Smith, clk. Modoc Co., improving roadway beginning at Sunrise station approximately 8 mi. north of Alturas point northerly 3.7 mi., 45,820 cu.yd. unclassified excav., 415 cu.yd. structural excav., etc.

Calif., Los Angeles—June 21, by Supervs. Los Angeles Co., improving Inglewood Ave., Impvt. $17, 38,177 cu.yd. excav., 428,787 sq.ft. 2 in. and 3 in. Willite paving, 371,479 sq.ft. 5 in. disintegrated granite sub-base, etc. To exceed $125,000. G. Jones, Hall of Records, engr.

Calif., Los Angeles—June 21, by Supervs. Los Angeles Co., improving Road Dist. Impvt. 279, Washington St., 598,286 sq.ft. 6- to 8-in. concrete paving, 76,346 sq.ft. concrete paving, 704,000 sq.ft. 5 in. disintegrated granite surfacing, etc. G. Jones, Hall of Records, engr.

Calif., Los Angeles—June 21, by Supervs. Los Angeles Co., improving Washington St. from Ocean Ave. to Downey Rd., 30,263 cu.yd. earth excav., 598,286 sq.ft. 6-8 in., and 76,349 sq.ft. 8 in. concrete surfacing, etc. $182,296. G. Jones, Hall of Records, engr.

Calif., Oakland—June 21, by G. A. Gross, clk., Alameda Co., improving roadway from Newark to Dumbarton Bridge, 1,300 cu.yd. excav., 1,500 cu.yd. grading, 77,000 sq.ft. gravel sub-base, and (alternate bids), 70,000 sq.ft. each 6-8 in., 7 in. and 6-8 in. concrete paving, etc. $50,000. G. A. Posey, Oakland, co. surv.

Ont., Kingston—See "Contracts Awarded."

Que., Montague—June 11, by I. L. Boulanger, deputy minister Dept. Roads, Quebec, resurfacing 31,601 ft. streets in St. Therese Parish and others, 20 ft.

Man., Gladstone—June 12, by Municipality Westbourne, grading various roads. W. J. McGregor, secy.

Alta., Edmonton—June 15, by D. Mitchell, city comr. grading and graveling about 45,000 lin.ft. roadway. $50,000.

Bids Received

Massachusetts—Dept. Pub. Wks., Boston, June 1, bituminous macadam paving 26,033 ft. highway in Paxton and Worcester, from D'Onfro Bros. Co., Inc., 712 Main St., Leominster, $240,044; and 26,670 ft. in Goshen and Williamsburg, from Lane Constr. Corp., 37 Colony St., Meriden Conn., $261,710. Noted May 20.

Massachusetts—State Hy. Dept., Boston, June 1, bituminous macadam paving 22,161 ft. highway in Chelmsford and Westford, from Indian Head Constr. Co., Fairburn Bldg., Lowell, $164,547; graveling 4,000 ft. in Newbury, from Welch & Moynihan, 15 Front St., Salem, $10,986; rein.-con. paving 10,116 ft. in Methuen, from T. W. Jewett, Inc., 35 7th St., New Bedford, $87,240, and 3,410 ft. in Plainville, from F. P. Manning, 27 Coral St., Fall River, $39,111.

Rhode Island—State Bd. Pub. Roads, Providence, paving highway in Portsmouth, from B. Venuti, New London, Conn., $213,315; in North Smithfield, from M. A. Gammino, 728 Valy St., Providence, $129,619; in Lincoln, from B. E. Jordan, Providence, $46,143; in Burrillville, from J. P. Greene, Worcester, Mass., $30,785; in East Providence, from Lane Constr. Co., 37 Colony St., Meriden, Conn., $43,780.

N. Y., New York—H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., June 3, grading, culverts, etc., in East 211th and West 263rd Sts., from S. Nugent, Riverside Dr. and 170th St., $4,707 and $3,625 respectively; and Wilson Ave., from A. Gregorio & Co., 1129 Neill Ave., $11,600; also granite block paving Boston Rd. from L. Di Minna, 2366 Lorillard Pl., $340,856. Noted May 27.

N. J., Westwood—Mayor and Boro Council, Center St. Firehouse, June 1, grading and macadam paving Clairmont Ave., from La Crote Constr. Co., Lodi, $27,190; paving and curbing Lexington Ave., from Abbate & Buniva, Tenafly, $14,963; and paving 4th Ave., from Taveniere & Johnson, Closter.

Pennsylvania—State Hy. Dept., Harrisburg, June 3, (**R. means Route and A. means Application**), one course rein.-con. paving, etc., 14,488 ft. A. 3941, and 4,501 ft. A. 3827, York Co., from York Eng. & Constr. Co., 21 West Market St., York, $96,859 and $41,786 respectively. 8,027 ft. Rs. 435 and 436, A. 3386, Jefferson Co., from J. Wiesner & Son, 372 Chestnut St., St. Marys $61,849, 3,235 ft. R. 59, Clearfield Co., from J. B. Trexler, Lewistown, $50,709, 20,890 ft. R. 116, Sect. 4, Fayette Co., from Elder & Merriman, Ebensburg, $185,063, 27,092 ft. R. 78, Sect. 3, As. 3798-4212, Beaver Co., and 4,917 ft. R. 70, Sect. 3, Allegheny Co., from R. H. Cunningham & Son Co., 617 Penn Ave., Turtle Creek, $245,148 and $115,173 respectively, 10,762 ft. A. 4003, Westmoreland Co., from J. C. Mickey, 1601 Linonier St., Latrobe, $79,480, 2,929 ft. R. 84, Sect. 5, Erie Co., from C. H. Fry Constr. Co., 1902 Cherry St., Erie, $26,192, 17,813 ft. A. 3783, Beaver Co., from O. B. Bracht, Titusville, $121,067, and 3,372 ft. R. 389, A. 3944, Allegheny Co., from M. O'Herron Co., 1st and McKean Sts., Pittsburgh, $56,808; also waterbound macadam paving 7,502 ft. A. 2764, Mifflin Co., from J. M. Hutchison, Altoona, $52,858; and grading, etc., 21,817 ft. Sect. 2, A. 3842, Berks Co., from Smith-Fenstermacher, 123 North Madison St., Allentown, $46,978. Noted May 20.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, from D. Duffin, 6101 Roosevelt Ave., grading Algon, Comly, Frontenac, Langdon and Sanger Sts. $17,048, from R. B. Wenner, 2313 Walnut St., Evarts and Placid Sts. $10,705, from E. A. Mullen, Inc., 5512 Vine St., Gray St. $2,091, and Yocum St. $1,261, from Gudknecht & Cullison, Torresdale and Roobins Aves., Loughlin St. $532, from Dewees Bros., 7200 Shelbourne St., Shelbourne St. $1,227, and from F. Mark Contg. Co., N and Winghocking Sts., 20th St. $3,065; from Eastern Asphalt Co., Penna Bldg., asphalt paving (assessment work), Belfield St. $5,938, Dyre and Oakland Sts. $7,088, Shawnee St. $5,637, Stenton St. $7,587, Tulip St. $6,087, Wilmot St. $2,149, 67th St. $7,697, from Union Paving Co., 123 South 21st St., Chester St. $32,681, and M St. $16,406, from Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., Ellet St. $7,502, Luzerne St. $30,391, and Wooddale St. $9,547, from Barber Asphalt Co., 239 North 30th St., Fayette St., 76th, 79th and 80th Aves. $46,990, Washington Lane $6,089, 2nd St. $11,944, and from Fox-King Constr. Co., Audubon, N. J., 46th St. $35,871; from Curtis Bros., State and Unrah Rds., improving country roads (**a**) $16,596 and (**b**) $15,325, from M. Leewright, 424 Seville St., Lawnton Rd. (**a**) $2,848 (**b**) $2,524, from A. J. Henderson, 825 East Washington Lane, Thompson Rd. $1,911, and from B. Foster Co., Inc., 20th and Venango Sts., 58th St. $4,669; from Golden Constr. Co., 263 South 15th St., repairing Adams Rd. Bridge 45, $1,945; from Keystone Boiler Wks., Inc., 50 North 23rd St., erecting steel smoke shield on 34th St. Bridge 257 over Pennsylvania R.R. tracks $4,040; from J. J. McHugh, Jr., 892 North Markoe St., repairing same bridge $3,682, Broad St. Bridge 64 over Philadelphia & Reading Subway $3,497, and Oak Lane Bridge 192 over North Penn Branch Philadelphia & Reading Subway $1,500; from Mundy Paving & Contg. Co., 226 South Warnock St., replacing wooden trusses with steel beam of Penrose Ferry Bridge 6 over Schuylkill River $9,290; from Latta & Roberts, Drexell Bldg., repairing Grays Ferry Bridge 10 over Schuylkill River, $5,000; and from Montgomery Iron & Steel Co., 918 West Berks St., erecting structural steel for 21st St. Bridge 269 over Philadelphia & Reading Subway $1,126.

Delaware—State Hy. Dept., Dover, May 26, improving with (**a**) stone (**b**) slag (**c**) sand asphalt (*) metal joint (†) non-metal joint (**1**) 3.1 mi. Kitts Hammock Rd., Contr. 65 (**2**) 0.4 mi. Summit Bridge Approaches, Contr. CN19D (**3**) 3.91 mi. road from Delmar toward Columbia, Contr. CS51, and (**4**) 0.87 mi. Seaford Cutoff, Contr. CS52, from Smyrna Concrete Products Co., Smyrna, (**1**) $26,920; from F. W. Lovett, Newark, (**2**) $16,304; from Old Line Constr. Co., Chestertown, (**a*3**) $99,419 (**a†3**) $98,339 (**b*3**) $94,542, and (**b†3**) $93,462; from W. W. Truitt, Lincoln City, (**a4**) $22,766 (**b4**) $22,436; from Highway Eng. & Constr. Co., Selbyville, (**c4**) $18,851. Noted Apr. 29.

Maryland—Concrete paving 1.2 mi. Contr. K-30, Kent Co., from Kauffman Constr. Co., Denton, $22,332, 2.2 mi. Contr. T-24, Talbot Co., from St. Michaels Constr. Co., St. Michaels, $33,164, 0.5 mi. Contr. Ch-37, Charles Co., from H. S. Swann, La Plata, $15,227, and 1.88 mi. Contr. F-33, Frederick Co., from Poffinberger & Mause, Myersville, $40,980; graveling 2.9 mi. Contr. Sm-37, St. Marys Co., from T. Mullan, 3945 Greenmount Ave., Baltimore $22,169; macadam resurfacing 1.9 mi. Contr. Ce-57, Cecil Co., from T. P. Murray, Towson, $27,563, and 1.15 mi. Contr. F-93, Frederick Co., from Bester, Long Co., Hagerstown, $22,892. Noted May 20.

Md., Baltimore—Bd. Awards, concrete curbing and concrete paving 12,600 sq.yd. Contr. 339, from J. J. Bresnan, 311 Woodland Ave., $35,667; and sheet asphalt paving 4,500 sq.yd. Contr. 340, from P. Flanigan & Son, Harford Rd. and Baltimore & Ohio R.R. tracks. $20,633. Noted May 27.

O., Akron—Comrs. Summit Co., June 4, grading, bridging and paving 36,800 sq.yd. South Main St., from McCourt Constr. Co., 369 South Main St., rein.-con., slag $117,924 rein.-con., limestone $121,550; and from T. E. McShaffrey Constr. Co., 173 South Forge St., bituminous concrete. $133,265. Noted May 27.

O., Cincinnati—Hamilton Co., oil macadam paving 50 mi. various roads, 16 ft., from J. S. Tobitt & Co., 325 Wyoming Ave., Wyoming, $27,132. Engrs. est. $34,125.

O., Cincinnati—Comrs. Hamilton Co., June 4, from Pickelheimer & Slone, Drake Ave., Madisonville, widening and 3 in. tar bound macadam repaving, etc. 18,900 sq.yd. Drake Rd., $30,958, engrs. est. $36,348; from Standard Asphalt Co., Spring Grove

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Streets and Roads (Continued)

Ave., tar surface treating 12 mi. various roads (Woodlawn and Western Divisions), $18,638 engrs. est. $25,[illegible], and 15 mi. various roads (Eastern and Cheviot Divisions), $19,098, engrs. est. $25,538. Noted May 27.

O., Cleveland—City, May 19, improving with (a) brick (b) asphalt (c) concrete (1) Oliver Rd. (2) Munn Rd. (3) Gifford Ave. (4) Curran Ave. (5) West 47th St. (6) West 152nd St. (1 to 6 inclusive) involves 10,260 lin.ft. stone curbing, 7,080 cu.yd. earth excav., 15,850 sq.yd. vitr. brick, vertical fibre brick, concrete or bituminous concrete paving, etc. (7) East 37th St., 500 cu.yd. excav., 11,000 sq.yd. surfacing (8) East 171st St. and (9) East 172nd St. (8 and 9) involve 4,600 cu.yd. excav., 8,250 sq.yd. surfacing, 5,560 ft. stone curbing (10) Linn Dr., 450 cu.yd. excav., 800 sq.yd. surfacing, 590 ft. stone curbing (11) Havel Ave. (12) Canova Ave. (13) Gilbert Court (10 to 13 inclusive) involves 1,320 cu.yd. excav., 3,320 sq.yd. surfacing, 24,851 ft. stone curbing (14) Wemple Rd., 300 cu.yd. excav., 500 sq.yd. surfacing (15) East 22nd St., 350 cu.yd. excav., 820 sq.yd. surfacing, 500 ft. stone curbing, from Roehl Bros. Paving & Constr. Co., 7002 Denison Ave. (1) $12,046, (2) $8,010, (3) $30,127, (4) $9,439, (5) $6,388, (6) $20,007; from Enterprise Paving & Constr. Co., 8444 B'way. (a7) $35,310; from Cleveland Trinidad Paving Co., The Arcade (a8) $21,031, (b8) $17,460, (c8) $15,857, (a9) $22,669, (b9) $18,779, (c9) $20,709; from Gould & Maybach, 16311 Saranec Rd. (a10) $4,544; from Baldwin Bros., 4500 Euclid Ave (a11) $6,850, (a12) $9,641, (a13) $2,292; from H. G. Herring, Wayside Rd. (16) $3,126; from Rieley Bros., The Arcade (15) $5,343. Noted May 13.

O., Hamilton—Comrs. Butler Co., May 28, waterbound macadam paving, etc., Oxford-Depot Rd., Oxford Twp., from Shaw Bros. Gravel Co., Hamilton, $42,248.

Michigan — Clinton Co. (St. Johns) and Ionia Co. (Ionia) graveling 6.563 mi. A. D. 466, from L. M. Perry, Beaverton, $54,224. Noted May 20.

Michigan — State Hy. Dept. at office Comrs. Kent Co., May 27, Grand Rapids, concrete paving 1.607 mi. Federal Aid Rd. 210-A, from P. W. O'Connor, Grand Rapids, $52,986. Noted May 13.

Michigan — State Hy. Dept. at office Comrs. Kent Co., Grand Rapids, May 27, concrete paving 4.836 mi. Federal Aid 132-D, from H. C. Vanderveen, Grand Rapids, $119,250. Noted May 13.

Minnesota—State Hy. Dept., St. Paul, May 24, **(S. P. means State Project)**, grading, etc., 91,000 cu.yd. S. P. 8-33, F. A. P. 276, from Nelson, Mullen & Nelson, 355 Temple Court, Minneapolis, $43,507; and graveling 38,400 cu.yd. S. P. 6-40, Sect. 1, from S. J. Reader, 209 Kasota Bldg., Minneapolis, $23,843. Noted May 13.

Minn., Minneapolis—A. P. Erickson, aud. Hennepin Co., May 24, grading, etc., Forest Lake cutoff between Lowry Ave. and Minneapolis St., etc., and Highway 1 through New Brighton, from Morris & Daugherty, 514 Globe Bldg., St. Paul, $137,913. Noted May 13.

Neb., Falls City—M. F. Naylor, city clk., May 31, asphaltic concrete paving, etc. 43,774 sq.yd. various streets, from Western Asphalt Paving Corp., 1st and Nebraska Sts., Sioux City, Ia., $129,095. Noted May 27.

Mo., Aurora—Grading, concrete paving, etc., 10,410 sq.yd. Madison, Pleasant and avenue west of City Hall Sq., from Prince & Minton, Parsons, Kan. $26,839.

Tex., Galveston—Cold rolled asphalt and rein.-con. paving 35th St. from Bway. to Seawall Blvd., from H. J. Hetkes, 3110 Ave. T, $74,000.

Tex., Galveston—C. C. Washington, engr., May 20, Bates type concrete paving, etc., 5.003 mi. Highway 6, Federal Aid Project 466-G, 20 ft., from J. P. Foty, Wichita Falls, $197,599. Engrs. est. $225,000, incl. engineering and contingencies. Noted May 20.

Tex., Liberty—Liberty Co., Bates type section rein.-con. paving 13.8 mi. State Highway 3, Federal Aid Project 352, Unit 5, from Hansen-Pearce Constr. Co., Pryor, Okla., $323,049. Engrs. est. $400,000, incl. engineering and contingencies.

Oklahoma—State Hy. Dept., Oklahoma City, concrete paving 26,400 sq.yd. road west of Okmulgee, State Aid Project 139-A, Okmulgee Co., from Hanson & Pierce, Blackwell, $54,119.

Nevada—State Hy. Dept., Carson City, surfacing, etc., 7.57 mi. Sparks-Hafed Rd., Route 1, Sects. B-4 and B-2, Washoe Co., from Nevada Rock & Sand Co., Reno, without alternate $35,660, and with alternate $39,160. Noted May 20.

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Calif., Los Angeles — Supervs. Los Angeles Co., May 29, from Pearson & Dickerson, Loring Bldg., Riverside, improving El Monte St. between Covina Blvd. and Peck Rd., etc., 26,018 cu.yd. excav. and borrow at $0.40 per cu.yd., 584,809 sq.ft. 6- to 8-in. concrete paving 10,911 sq.ft. 8 in. concrete paving $0.10, etc., total $69,969. Noted May 13.

Calif., Los Angeles—Bd. Pub. Wks., curbing, guttering and 28,262 sq.ft. 5 in. concrete and 102,509 sq.ft. Willite paving, etc. Cabrillo Ave., from Griffith Co., Railway Bldg., approximately $45,750; 8 in. concrete paving, grading, 542,757 sq.ft. Florence Ave., from G. H. Oswald, 366 East 58th St., approximately $234,055; also grading, concrete and asphaltic concrete paving, etc. Grand View St., from H. A. McCray, 1701 Morton St., $26,005.

Calif., Los Angeles—Bd. Pub. Wks., curbing, sidewalks, grading, willite on asphaltic concrete paving, etc. 102,509 sq.ft. Rosanna St., from Spencer & Holt, 402 Frost Bldg., $66,900; also asphaltic concrete on concrete paving, etc. 24,221 sq.ft. Florence Ave. from South Park and Vermont Sts., from G. H. Oswald, 366 East 58th St., $233,930. Noted June 3.

Calif., San Diego—Common Council, June 1, from D. H. Ryan, Spreckels Bldg., improving University Ave., 39,085 cu.yd. excav. at $0.35 per cu.yd., 359,988 sq.ft. 5 in. concrete paving $0.176, etc., total $132,641. Noted May 20.

Calif., San Diego—Common Council, May 24, from J. Hansen, 413 Bancroft Bldg., improving Woolman Ave., 10,125 lin.ft. concrete curbing at $0.67 per lin.ft., 358,124 sq. ft. 5 in. concrete paving $0.184, 49,337 sq.ft. concrete sidewalk $0.193, etc., total $93,914. Noted May 13.

Contracts Awarded

Maine—State Hy. Comn., Augusta, grading, concrete paving, etc., highway in Waterville, to Green & Wilson, Waterville, $15,157, in North Kennebunk and Bradford, to A. Susi & Co., 12 Richfield St., Dorchester, Mass., $399,491, in Wells-Kennebunk, to Bruno & Pelitti, 18 Tremont St., Boston, Mass., $154,389, and in Trenton and Welsworth, to McCabe & Grovanni, Inc., 20 Central St., Boston, Mass., $197,144; granite block paving 4,170 sq.yd. Cross St. in Portland, to R. Kennedy Co., Portland, $16,758, and 1,100 sq.yd. same street, to Gulliver & Co., 120 Exchange St., Portland, $8,945. Grand total $791,884. Noted June 3.

New Hampshire—State Hy. Dept., Concord, to T. Meloy, Gorham, graveling 0.48 mi. Highway 200, in Randolf $10,220, and bituminous macadam paving 0.9 mi. Highway 231, in Whitefield, $19,938, to Arborio Constr. Co., 408 Main St., Hartford, Conn., 0.95 mi. Highway 215, in Rochester, $25,650, graveling 0.76 mi. Highway 220 in Lancaster $15,401, and 1.35 mi. Highway 220 in Pinkham Notch, $29,300; to Winslow & Cummings, Nashua, rein.-con. paving 1.35 mi. Highway 220, in Exeter and Stratham, $56,085; and to Ames Constr. Co., Somersworth, 24 ft. span deck girder bridge and approaches on Highway 207, in East Kingston, $5,798. Grand total $162,393. Noted May 20.

Massachusetts—Dept. Pub. Wks., Boston, bituminous macadam paving 4,500 ft. highway in Sandwich, to Washburn & Sheridan Constr. Co., East Taunton, $18,804, 1,500 ft. in Avon, to Powers, Taurasi & Rush, Inc., 139 Federal St., Boston, $8,537, and 1,900 ft. in Medfield, to O. Menci, 27 Martinavk St., Peabody, $10,782; also rein.-con. paving 15,300 ft. in Dartmouth, to Greeney & Sherry, Fall River, $279,366. Grand total $317,489. Noted June 3.

Mass., Lowell — Asphalt paving various streets, to A. Pallotta, Dracut, $50,100. Noted May 27.

Mass., Newton (Ind. br. Boston)—Stone, concrete and bituminous macadam paving walks and driveways on various streets, to O. A. Theurer, Watertown St., $54,034.

Connecticut—State Hy. Dept., Hartford, to J. Mascotti, Torrington, rein.-con. paving 15,077 ft. highway in Windham $84,001 and 6,601 ft. in Rocky Hill $37,876 also bituminous macadam paving 6,667 ft. in Trumbull and Bridgeport $33,649; to C. W. Blakeslee & Sons, Waverly St., New Haven, rein.-con. paving 34,572 ft. in West Haven, Orange and Milford, $351,742; to D. Arrogoni, Middletown, native stone macadam paving 3,000 ft. in Saybrook $17,331 and trap rock macadam paving 4,559 ft. in Guilford $27,360; to Silliman & Godfrey, 133 Admiral St., Bridgeport, rein.-con. paving 5,570 ft. in Fairfield $59,625, and 3 in. asphalt on 8 in. concrete paving 8,809 ft. in Greenwich $107,892. Grand total $719,476. Noted May 13.

New York — A. W. Brandt, comr. Highways, Albany, **(e. e. means engineers estimate)**, constructing 4.2 mi. Highway 5711, East Galway-Saratoga Rd., Part 2, Saratoga Co., to M. C. Tryon, Herkimer, $155,894 e. e. $199,001; 7.52 mi. Highway 1731, New Berlin-Leonardsville Rd., Part 1, Chenango Co., to Parlor City Constr. Co., Binghamton, $359,997 e. e. $514,815; and 5.34 mi. Highway 8247, Red Creek-South West Oswego Rd., Parts 1 and 2, Cayuga Co., to F. W. Forness, Jr., 438 North Union St., Olean, $230,546 e. e. $290,118. Grand total $746,437. Noted June 3.

N. J., Newton—Sussex Co., grading and concrete paving 2 mi. Sparta-Lafayette Rd., Sparta Twp., to F. H. Clement, Bethlehem, Pa., $41,991. Noted May 6.

N. J., Trenton—Mercer Co., concrete paving 3 mi. Yardville-Allentown Rd., to Union Paving Co., 30th and Locust Sts., Phila., Pa., $138,677; and widening Washington-Crossing-Pennington Rd., to T. J. Constr. Co., New Brunswick, $22,692. Noted May 27.

Pennsylvania—State Hy. Dept., Harrisburg, **(A. means Application and R. means Route)**, grading and rein.-con. paving 6,227 sq.yd. R. 106, A. 3964, Tioga Co., to D. L. Dennis, Galeton, $28,781; 26,783 sq.yd. A. 3754, Allegheny Co., to D. W. Challis & Sons, Inc., Sewickley, $133,763; 16,452 sq.yd. R. 80, As. 4001 and 3934, Mercer Co., to J. McCarty Constr. Co., Kaukauna, Wis., $69,673; 23,481 sq.yd. R. 12, A. 4001, Susquehanna Co., to E. V. Chappell, 27 Wall St., Binghamton, N. Y., $96,924; 22,520 sq.yd. A. 3567-3984, Westmoreland Co., to Cooper Constr. Co., Clymer, $137,906; 40,996 sq.yd. R. 278, A. 3831, Beaver Co., to F. F. Hallan & Son, Fairmount, W. Va., 80,071 sq.yd. R. 115, A. 3797 and 3624, Beaver Co., to R. L. Bonham Co., Bridgeton, N. J., $351,908; 105,562 sq.yd. R. 41, A. 3253, Adams and Cumberland Counties, to H. W. Horst Co., Rock Island, Ill., $433,877; and 27,786 sq.yd. R. 214, Sect. 1, Clarion Co., to Russell Bros., Youngstown, O., $105,394. Noted May 6.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, improving York Rd., Chelton and 65th Aves., to J. J. McHugh, 1617 Race St., $213,355. Noted June 3.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, grading, etc., for South Phila. track elevation, Contr. 210, to G. F. Dobbin, 1020 South 47th St., $289,950.

Pa., Washington — Comrs. Washington Co., concrete paving, etc. 7,920 ft. Burgettstown-Eldersville Rd., to Hardy & Rankin, Canonsburg, $58,374; 8,518 ft. Old Washington-Williamsport Pike, to W. K. Reed & Co., Waynesburg, $52,338; also 8,076 ft. Cannonsburg-Thomas Rd., and 8,584 ft. Beallsville-Zollarsville Rd., to J. Hord, Washington, $53,337 and $47,189 respectively. Grand total $211,238. Noted May 13.

Md., Baltimore — Bd. Awards, concrete paving footways listed in Footway Contr. 120, to Arundel Constr. Co., Knickerbocker Bldg., $31,886; and sheet asphalt paving 7,400 sq.yd. Contr. 337, to Amer. Paving & Constr. Co., Montebello Ave., $31,834. Noted May 27.

Md., Baltimore—Baltimore Co., concrete paving 1.21 mi. Group 8, to H. T. Campbell & Sons Co., Towson, $41,184. Noted May 27.

W. Va., Morgantown — Magnolia Co., amiesite surfacing 5.3 mi. Crossroads-Fairview Rd., 16 ft., and asphalt surfacing 5.5 mi. Wadeslawn Rd to Gilbert Constr. Co., Austin, $185,296 and $211,797 respectively. Noted Apr. 22.

North Carolina—State Hy. Comn., Raleigh, clearing, grubbing, grading, etc., 13.59 mi. Project 669, Rowan Co., to Atlantic Paving Co., Salisbury, $59,775, 11.55 mi. Project 244, Jones Co., to Chandler & Gregory, Virgilina, Va., $81,476, 10.5 mi. Project 398, Robeson Co., and clearing, grubbing, grading, topsoiling, etc., 14.77 mi. Project 165, Northampton Co., to Jamison Bros., High Point, $41,733 and $130,119 respectively, 8.34 mi. Project 135, Halifax Co., to C. E. Hill & Son, Apex, $65,950; grading, plain concrete paving, etc., 9.04 mi. Project 1280, Edgecombe Co., and 10.18 mi. Project 1993, Wilson Co., to Zeigler Bros., Greensboro, $237,335 and $242,378 respectively, 6.04 mi. Project 6690, Rowan Co., to Brown Paving Co., Lexington, $168,504, and 6.99 mi. Project 756, Stokes Co., to L. L. Tindall, Waterford, Wis., $170,760; grading, sand asphalt paving, etc., 14.53 mi. Project 307, Bladen Co., to Blythe Bros., Brevard Court, Charlotte, $273,700. Grand total $1,507,730. Noted May 20.

Ga., Atlanta — Sheet asphalt paving 948 sq.yd. Beckwith St., to C. A. Pittman, 12 Elizabeth St., at $2.07 per sq.yd.; vibrolithic paving 2,414 sq.yd. Harte St., to Jamison & Hollowell, Candler Bldg., $2.07; and 7,084 sq.yd. Irwin St., to S. Finley, 212 West North Ave., $1.98.

Streets and Roads (Continued)

Ga., Eastman—M. C. Edwards, city mgr., curbing, sidewalk and 6 in. concrete paving 23,000 sq.yd. various streets, to Davis Constr. Co., 162 Means St., Atlanta, $63,-935. Noted Apr. 22.

Florida — State Rd. Dept., Tallahassee, clearing, grubbing, grading, etc., 14.2 mi. road in Seminole Co., to Lake Worth Constr. Co., Lake Worth, $99,781. Noted June 3.

Fla., Tampa—City Comrs., City Hall, to J. Stanton, Tampa, 4 in. granite curbing and 2½ in. asphalt block on 6 in rock paving Impvt. 217-259 $29,500, and Impvt. 180, 188 and 192 $33,560, also 2½ in. asphalt block on 6 in. rock or shell paving Impvt. 146, 147, 148, 149, 177 and 217 $28,500. Grand total $91,560. Noted Mar. 4.

Alabama—State Hy. Comn., Montgomery, (**e. e. means engineers estimate**), to J. B. Turner, Columbiana, grading 18.33 mi. Cullman-Garden City Rd. on Bee Line Highway, Cullman Co., $123,322 e. e. $125,000, to L. C. Britton, Jasper, 12.06 mi. Bouble Springs-Jasper Rd., Winston Co., $124,458 e. e. $125,000, to Finnell & Toothacker, Tuscaloosa, 13.79 mi. Aliceville-Dancy Rd., Pickens Co., $66,130 e. e. $68,000, and 13.79 mi. same road, $50,837 e. e. $55,000; to C. P. Cosby, Selma, gravel surfacing 2.99 mi. Selma-Plantersville Rd., Dallas Co., $14,757 e. e. $15,000, to M. M. Bentley, Brantley, 17.52 mi. Franklin-Monroeville Rd., Monroe Co., $46,255 e. e. $50,000, to Newell Constr. Co., 3828 Ave. A, Birmingham, 13.81 mi. Tuskegee-Union Springs Rd., Macon Co., $101,524 e. e. $104,000, grading 13.81 mi. same road, $57,877 e. e. $60,000, and 17.52 mi. Franklin-Monroeville Rd., Monroe Co., $135,174 e. e. $145,-000; to Nixon & Phillips, Lineville, concrete surfacing 1.04 mi. Tuskegee-Montgomery Rd., Macon Co., $27,733 e. e. $28,000, all above roads 18 ft. wide; to McWorther & Gilbert, Alabama Power Co. Bldg., grading and gravel surfacing 1.7 mi. Athens-Decatur Rd. north end Tennessee River Bridge, 20 ft., Limestone Co., $57,131 e. e. $60,000. Grand total $805,198. Noted May 13.

Miss., Durant—Mayor and Bd. Aldermen, grading, curbing and asphalt paving various streets, to Dunn Constr. Co., Chamber Commerce Bldg., Birmingham, Ala., $61,000. Noted May 13.

Miss., Shelby—Mayor and Bd. Aldermen, grading, curbing and penetration on rolled stone paving **various** streets, to W. D. Banker Constr. Co., Memphis, Tenn., $34,-000. Noted Apr. 8.

Miss., Winona — Grading, curbing and concrete paving 15,000 sq.yd. streets in Paving Dist. 7, to G. W. Turner Co., Memphis, Tenn. Engrs. est. $25,000. Noted Mar. 11.

Louisiana—State Hy. Dept., Baton Rouge, graveling portion Opelousss Church Point Highway, St. Landry Parish, to G. A. Shows & Co., Lafayette $13,038, sections Lake Charles-Lake Arthur Highway, Jefferson Davis Parish, to G. B. Zigler Co., Jennings $38,250 and section New Roads-St. Francesville Highway, Point Coupee Parish, to Young & DeBritton, Zachary $10,651; also bridge near Frenchfork, on Jena Jonesville Highway, Catahoula Parish, to Meyer & Greenwald, Constr. Co., Monroe $45,210, and Intracoastal Bridge on Houma-Montegut Highway, Terrebonne Parish, to Austin Bridge Co., Linz Bldg., Dallas, Tex. $8,978. Grand total $116,127. Noted May 6, under "Streets and Roads" and May 20, under "Bridges."

La., Lafayette—For 26,000 sq.yd. concrete sidewalks on various streets to C. E. Rabalais, Bunkie, $44,255.

Ohio—Dept. Highways & Pub. Wks., Columbus, to R. Strauzer, Columbus, traffic bound macadam paving, etc., 6.5 mi. Sects. "C" and "D" Lower Salem-Jacobsburg Rd., Monroe Co. $25,270, to Blair & Kelly, North Wilton, 3.12 mi. Sects. "C" Dayton-Valley Rd., Montgomery Co. $5,150, to R. E. Van Camp, Columbus, 4.67 mi. Sect. "D" Franklin-Lebanon Rd., Warren Co. $9,010, to Crook & Sweeney, Lebanon, 4.46 mi. Sect. "B" Lebanon-Morrow Rd., Warren Co. $7,070, to Craig & Jordan, Blanchester, 4.5 mi. Sect. "G" Bethel-Chillicothe Rd., Clermont Co $16,020, and furnishing, hauling and spreading crushed stone 4.5 mi. same road $7,600; to R. J. Au, Mansfield, concrete paving, etc., 1.249 mi. Sect. "A-1" Medina-Elyria Rd., Medina Co. $17,538, and brick (state to furnish brick) paving 0.245 mi. Sect. "A-1" Medina-Elyria Rd., Medina Co. $32,201; to W. J. and E. L. Howell, Wapakoneta, concrete paving 2.908 mi. Sect. "E" Piqua-St. Marys Rd., Miami Co., $92,-854; to Reedy Bros., Warren, waterbound macadam paving, etc., 3.365 mi. Sect. "F" Warren-Meadville Rd., Trumbull Co. $61,-788, to Putnam Constr. Co., Toledo, 5.254 mi. Sect. "C" Perrysville-Fostoria Rd., Wood Co. $87,540, also rein.-con. paving, etc., 0.463 mi. same road $32,665; to Seneca Constr. Co., Kansas, brick, incl. brick paving, etc., 0.45 mi. Sect. Upper Sandusky-Tiffin Rd., Wyandot Co. $21,308, and 0.268 mi. same road $10,613; to C. C. Schall, 518 East Beck St., Columbus, hauling and spreading gravel, 7.8 mi. Sect. "G" Zanesville-McConnellsville Rd., Muskingum Co. $2,905, 3.15 mi. Sect. "A" Lower Salem-Jacobsburg Rd., Noble Co. $2,516, 4.75 mi. Sects. "B" and "C" same road $7,354, hauling and spreading limestone 7.5 mi. Sect. "H-1" Cincinnati-Zanesville Rd., Perry Co. $4,240, 2.1 mi. Sect. "N-1" same road $1,275, also graveling 14 mi. Sects. "A," "B" and "C," Chester-Reedville Rd., Meigs Co. $26,566, to W. E. Fitzwater, New Paris, 14 mi. Sct. "Q" National Rd., Preble Co. $9,150, and 4.3 mi. Sect. "B" Greenville-New Paris Rd., Preble Co. $4,575; to Blue Bank Gravel Co., West Alexandria, furnishing, hauling and spreading gravel on 6.32 mi. Sects. "D" and "Gratis" Eaton-Middletown Rd., Preble Co. $10,400, and 8.2 mi. Sectts. "E" and "F," same road $12,995; to F. H. Beckler, Athens, grading, etc., 3.559 mi. Sect. "M" Lancaster-New Lexington Rd., Perry Co. $59,950; to C. H. Dunn, Mt. Orab, grading, paving, etc., 4 mi. Sect. "A" Williamsburg-Owensville Rd., Clermont Co., $7,246. Grand total $574,795. Noted May 6.

O., Akron—W. F. Peters, dir. Pub. Serv., (**e. e. means engrs. est.**) grading, curbing, walks and vitr. brick paving 2,230 sq.yd. Oberlin St. et al., to Hollinger & Davidson, 435 South Bway., $15,776, e. e. $17,900; grading, walks and cindering 400 cu.yd. Sheck St., to H. G. Baltes, 883 Bloomfield Ave., $5,628, e. e. $6,600 also 725 cu.yd. Hunt St., to Guran & Brancich, 429 Mathews St., $3,978, e. e. $4,900. Grand total $25,382. Noted May 20.

O., Akron—W. F. Peters, dir. Pub. Serv., grading, curbing, walks and asphalt paving 13,260 sq.yd. Inman St., to T. E. McShaffrey Constr. Co., 173 South Forge St., $79,-001. Engrs. est. $101,000. Noted Feb. 25.

O., Akron—Summit Co., improving 4 mi. Kenmore-Mogadore Rd. from Thomastown to Canton Rd. at Springfield Center, 16 ft., to C. F. Wilmore, Middletown, $113,942. Engrs. est. $110,000.

O., Bexley (Columbus P. O.)—S. W. Roderick, village clk., to A. W. Burns & Co., 316 South High St., Columbus, asphalt paving, etc. 1,700 sq.yd. Ardmore Rd. $12,-656, and 1,700 sq.yd. Cassingham Rd. $11,-020; to Yale Avenue Constr. Co., 146 Yale Ave., Columbus, 1,000 sq.yd. Cassady Rd. $4,816, 760 ft. Ruhl Ave., 24 ft. $10,894, 3,100 sq.yd. Columbia Ave. $19,371, 3,100 sq.yd. Drexel Ave. $19,433, 9,600 sq.yd. Stanwood Rd. $44,623, and 9,125 sq.yd. Chelsea Ave. $32,056. Grand total $154,-869. Noted May 13.

O., Canton—Stark Co., (**e. e. means engrs. est.**) graveling, etc. 3 mi. Brewster-Canal Fulton Rd., and brick paving with combination curb and base 2 mi. Canton-Lisbon Rd., to E. O. Vogt Paving Co., Massillon, $49,998 and $102,034 respectively, e. e. $50,-000 and $100,000 respectively; slag paving, etc. approximately 1 mi. Substation-Plain Center Rd., to Wise Bros. Co., 1126 11th St. N. W., $26,943 e. e. $25,000; brick paving with combination curb and base 0.64 mi. Raff Rd., to H. Corl, 809 7th St. N. W., $31,627, e. e. $30,000. Grand total $210,602. Noted Feb. 18.

O., Canton—Brick paving Park Ave. S. W. from Tuscarawas St. to 2nd St. S. W., to H. Corl, Canton, $26,048, engrs. est. $25,-000; asphalt paving McKinley Ave. N. W., from Tuscarawas St. W. to 6th St. N. W. and 4th St. N. W. from Market to McKinley Ave. N. W., to Garaux Bros. Co., Massillon Rd. $62,823, engrs. est. $60,000; widening and resurfacing Walnut Ave. N. E. from Tuscarawas St. E. to 6th St. N. E., to Superior Asphalt Paving Co., Canton, $40,086, engrs. est. $40,000. Grand total $128,957.

O., Canton — Bd. Control, brick paving 14th St. N. E., from Harrisburg Rd. to Gibbs Ave. N. E., to Canton Sand & Gravel Co., Clarendon Ave. S. W., $41,563. Engrs. est. $40,000. Noted Feb. 11.

O., Cincinnati—Director Pub. Wks., curbing, sidewalks and granite block paving 2,660 sq.yd. Sycamore St., to Henkel & Sullivan, 105 Bell Blk., $24,655. Engrs. est. $29,006. Noted May 6.

O., Cincinnati—Hamilton Co., tar bound macadam repaving 17,900 sq.yd. Eagle Creek Rd., to J. A. Nickoson, Sayler Park Station, $49,663. Engrs. est. $51,115. Noted May 20.

O., Columbus—W. H. Duffy, dir. Pub. Serv., to Franklin Asphalt Paving Co., 209 South High St., asphalt widening 952 ft. Chestershire Rd., 24 ft. $13,617, 1,544 ft. Roys Ave. $13,482, and 1,190 ft. Wilshire Rd., 26 ft. $13,938; to Cleveland Trinidad Paving Co., 55 East State St., 1,460 ft. Eureka Ave., 24 ft. $20,943, 1,460 ft. Park Ave. $23,110, 2,720 ft. Terrace Ave. 26 ft. $34,329; to R. J. Dienst, 209 South High St., Michigan Ave., 60 ft. $1,755; to A. W. Burns Constr. Co., 316 South High St., 1,359 ft. Mooberry St., $17,378; and to B. F. Patterson, 1214 Neil Ave., 475 ft. Wright Ave., 24 ft. $5,374. Grand total $143,926. Noted May 6.

Ind., South Bend — Asphaltic concrete paving, etc. Grant and Phillipa Sts., to Keith-Riley Constr. Co. & Williston Constr. Co., South Bend, $33,080; also Brookfield Ave. from Washington St. to Lincolnway, to Williston Constr. Co., South Bend, $42,593.

Mich., Detroit—To Detroit Asphalt Paving Co., 909 Transportation Bldg., sheet asphalt paving 4,370 sq.yd. Dickerson Ave. from Campfield to Warren Aves., $17,343, 23,350 sq.yd. Dickerson Ave. from Warren to Harper Aves., $86,246, 6,840 sq.yd. Warren Ave. $25,346, 3,930 sq.yd. Berkshire Rd. $15,517, 4,080 sq.yd. Chatsworth Ave. $16,186, 4,030 sq.yd. Gray Ave. $16,000, 3,770 sq.yd. Mt. Olivet Ave. $16,180, 7,960 sq.yd. Charest Ave. $32,650, 9,360 sq.yd. Fairport Ave. $37,047, 945 sq.yd. Delta Ave. $4,378, 28,210 sq.yd. Meyers Ave. $102,849, 10,600 sq.yd. Intervale Ave. $42,-049, 1,770 sq.yd. Cherrylawn Ave. $6,984, 1,870 sq.yd. Cloverlawn Ave. $6,846, concrete curbing 1,640 sq.yd. Kentucky Ave. $6,197, 1,715 sq.yd. Northlawn Ave. $6,407, 1,810 sq.yd. Indiana Ave. $6,688, 1,570 sq. yd. Greenlawn Ave. $5,825, 1,870 sq.yd. Cloverdale Ave. $6,952, 1,625 sq.yd. Wisconsin Ave. $6,197, 1,580 sq.yd. Roselawn Ave. $5,846, and 1,615 sq.yd. Ohio Ave. $6,115; to Cooke Asphalt Paving Co., 1260 Penobscot Bldg., 2,420 sq.yd. Keystone Ave. $10,382, 2,020 sq.yd. Moenart Ave. $8,769, and 4,960 sq.yd. Eureka Ave. $12,188. Grand total $507,187.

Mich., Detroit—To Cooke Asphalt Paving Co., 1260 Penobscot Bldg., 3½ in. sheet asphalt on 8 in. concrete paving 11,610 sq.yd. Houston Ave. $44,451, and 9,350 sq.yd. Westphalia Ave. $36,685; to Detroit Asphalt Paving Co., 909 Transportation Bldg., 861 sq.yd. Burnside Ave. $3,953, 3,950 sq. yd. Caldwell Ave. $16,382, 3,950 sq.yd. Bloom Ave. $16,515, 2,640 sq.yd. Morley Ave. $11,186, 2,700 sq.yd. Beechdale Ave. $11,442, 2,400 sq.yd. Dayton Ave. $10,387, 2,390 sq.yd. Smart Ave. $10,240, 6,125 sq.yd. Birwood Ave. $24,281, 1,200 sq.yd. Meadowbrook Ave. 5,545, 4,080 sq.yd. Nottingham Rd. $16,301, 3,930 sq.yd. Alma Ave. $15,772, 3,910 sq.yd. 51st St. $16,929, 2,530 sq.yd. 52nd St. $10,879, and 23,000 sq.yd. Connors Ave. $83,442; to Cleveland Trinidad Paving Co., 402 Hammond Bldg., 8,170 sq.yd. Northlawn Ave. $32,519, 4,080 sq.yd. Dexter Ave. $16,301, 4,080 sq.yd. Petoskey Ave. $16,376, and 2,000 sq.yd. Quincy Ave. $7,323; to Dept. Pub. Wks., City Hall, 13,800 sq.yd. French Rd. $47,620. Grand total $454,529.

Mich., Ecorse — I. Morris, village clk., curbing and concrete paving 44,000 sq.yd. West Jefferson Ave., to G. R. Cooke, 1260 Penobscot Bldg., Detroit, about $174,500. Noted May 20.

Mich., Fordson—To White Constr. Co., 1548 Buhl Bldg., Detroit, curbing, 8 in. concrete paving, etc., Assessment Dist. 121 $19,056, Dist. 122 $42,863, Dist. 123 $44,-321, Dist. 124 $39,961, and Dist. 126 $29,-609. Grand total 175,810. Noted June 3.

Mich., Grand Haven—Concrete paving 1½ mi. Fruitport Rd., Muskegon-Ottawa Co. line to Spring Lake Rd., to J. R. Edelman Co., East Isabella Ave., Muskegon, $31,750. Engrs. est. $75,000.

Mich., Holland—Grading and sheet asphalt paving 2¾ mi. various streets, to K. B. Olsen, Ludington, $105,554. Noted Mar. 25.

Mich., Wayne—I. K. Comer, village clk., concrete curbing and concrete paving 80,000 sq.yd. Michigan Ave. and various streets, to Edwards Asphalt Paving Co., Hamilton, O., $263,800. Noted May 20.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, concrete surfacing Route 2, Sect. 73-X, La Salle Co., to H. Zolper & Sons, Mendota $14,850, Route 18, Sect. 22-X, La Salle Co. and Route 1, Sect. 15-W, Lawrence Co., to D. L. Alumbaugh, Sullivan Ind. $14,005, Route 25, Sect. 16-X, Coles Co., to James & Shinn Co., Mattoon $2,520, Route 3, Sect. 49, Greene Co., to Nelson Constr. Co., Jerseyville $24,940, Route 9, Sect. 27, Fulton Co., to Hartman-Clark Bros., Peoria $27,311, and Route 36, Sect. 17, Pike Co., to E. J. Eiff Co., Quincy $96,214; grading Corperas Creek Lock Rd., Sect. 1, Fulton Co., to C. E. Bradbury, Canton, $66,036. Grand total $245,876. Noted Apr. 29 and May 13.

Ill., Chicago—Cook Co. Hy. Dept., County Bldg., concrete surfacing 2 mi. Burnham Ave. and 1.5 mi. 154th St., to States Impvt. Co., 160 North La Salle St., $86,389 and $73,015 respectively; 2 mi. Michigan City Rd., to J. Mackler Co., Chicago Heights, $91,490; Harlem Ave. from 111th to 143rd

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Streets and Roads (Continued)

Sts., to J. O'Keefe, 7854 South Ashland Ave. $197,117; Harlem Ave. from 79th to 111th Sts., to Chicago Heights Coal Co., Chicago Heights, $163,000; 3.75 mi. Elmhurst Rd., to F. E. Herdman, Libertyville, $166,506; 1 mi. Walters Ave., to Central Paving Co., 179 West Washington St., $44,398; and 3 mi. 131st St., to A. Ward, Homewood, $155,207. Grand total $977,122. Noted May 27.

Ill., Forest Park—Rein.-con. paving 20,000 sq.yd. Harlem Ave. from Madison to 16th Sts., to H. Golitz, Jr., Oak Park, $101,000.

Wisconsin — State Hy. Comn. of Kewaunee Co., Office 3, Nicolet Bldg., Green Bay, **(F. A. P. means Federal Aid Project)**, to H. Boulanger, Casco, crusher stone surfacing 3,592 cu.yd. F. A. P. 435-D $15,931, graveling, etc., 4,071 cu.yd. State Job 3012, Kewaunee Co. $19,435, and grading, etc., Oconto-Marinette Rd., F. A. P. 392-B, Marinette Co. $9,737; to Cherney Constr. Co., Francis Creek, graveling, etc., 5,280 cu. yd. F. A. P. 432-A, Manitowoc Co. $57,905; to R. B. Vickery & Co., Big Suamico, crushed stone surfacing, etc., 4,848 cu.yd. F. A. P. 435-A, Outagamie Co., $18,017; and to Kramp Constr. Co., Berlin, concrete paving, etc., 88,283 sq.yd. F. A. P. 394-B, Wood Co., $234,833. Grand total $355,858. Noted May 6.

Wisconsin—H. W. Vroman div. engr. for State Hy. Dept., Milwaukee, concrete paving, etc. Fond du Lac-Banner Rd., Federal Aid Project 427-A, Fond du Lac Co., to Peppard, Burrill & Lynch, 4441 5th Ave. S., Minneapolis, Minn., $157,854; and Whitewater-Richmond Rd., State Project 2667, Walworth Co., to Whitewater Bridge Co., Whitewater $103,377.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., concrete paving etc. 10 alleys, to C. H. Slattery, 584 71st Ave. $47,225; 3 alleys, to F. Hilderbrand, 1042 23rd Ave., $24,631; 1 alley, to A. E. Retzlaff, 868 Island Ave., $1,078; and 1 alley, to Schwerm Bros., 50 Lee St., $1,315. Grand total $77,249.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., to White Constr. Co., 68 Wisconsin St., asphalt paving and resurfacing Grove St. $4,879, Oregon St. $20,470 and Park St. $4,552; and to Badger Constr. Co., 97 Wisconsin St., Layton Blvd. $26,222, and State St. $2,011. Grand total $58,134. Noted May 20.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., concrete paving 4 alleys, to Schwerm Bros., 50 Lee St., $64,298; 4 alleys, to Froemming Bros., 1326 Humboldt Ave., $28,071; 1 alley each, to Bode-Mann Constr. Co., 691 48th St. $2,667, and Lex Constr. Co., 446 68th Ave. $1,839. Grand total $96,875.

Wis., Seymour—B. G. Dean, city clk., to Garvey & Weyenberg, 807 College Ave., Appleton, improving Main St., 9,534 sq.yd. vibrolithic concrete paving at $2.73 per sq. yd., 4,257 cu.yd. grading $0.95, and 3,140 ft. concrete curbing $0.32. Noted May 20.

Wis., Tomahawk—H. G. Bell, city clk., rein.-con. paving, etc. 37,060 sq.yd. 5th St., Tomahawk and Wisconsin Aves., to C. Lotz, 1016 Grand Ave., Wausau, at $1.22 per sq.yd. Former contract rescinded. Noted Apr. 22.

Wis., Wauwatosa—Bd. Pub. Wks., A. V. Brigham, secy., rein.-con. paving, etc. Berwyn and Woodland Aves., to Parkinson Constr. Co., 322 27th St., Milwaukee, $23,805. Engrs. est. $25,000. Noted May 6.

Ia., Cedar Rapids—Linn Co., improving 10.5 mi. County Road 14, 104,086 cu.yd. excav., 115,557 sta.yd. overhaul, etc., to J. Herbert & Sons, Marshalltown, $37,083; 5.87 mi. road southeast of Marion, 79,770 cu.yd. earth and 1,500 cu.yd. rock excav., 42,000 sta.yd. overhaul, etc., to Clark, Kearney & Stark, Decorah, $33,899; and 7.74 mi. Fairfax Rd., 87,834 cu.yd. excav., 68,700 sta.yd. overhaul, etc., to G. H. Lowe, Slayton, Minn., $30,183. Grand total $101,165. Noted Apr. 8.

Ia., Iowa City—Grading, curbing and concrete paving 31,000 sq.yd. various streets, to W. Horrabin Constr. Co., Iowa City, $87,600. Noted May 13.

Ia., Jefferson—Greene Co., improving 16.5 mi. Projects 10, 11, 12, 16 and 17, incl. 16,800 cu.yd. graveling, etc., to W. L. Joy, Grand Junction; and 7 mi. Project 18, 3,000 cu.yd. graveling, etc., to J. R. Paul, Jefferson. Noted Apr. 29.

Ia., Marion—Linn Co., to T. N. Carnall, Oelwein, improving road, 16,116 cu.yd. excav. 1 mi. haul at $0.379 per su.yd., and 98,994 units ½ mi. haul $0.079; to H. Herbert & Sons, Marshalltown, Federal Aid Project 230-D, 71,980 cu.yd. excav. $0.24, and 1,700 cu.yd. excav. $0.27, etc.; to McGuire Bros., Forest City, Federal Aid Project 229-I, 41,695 cu.yd. excav. $0.29, $0.32 and $0.35, etc.

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Ia., Orange City—Sioux Co., improving various roads, 94,615 cu.yd. excav., 1,890 ft. 18 in. and 268 ft. 24 in. culvert labor, to G. W. Condon, 514 Federal Reserve Bldg., Omaha, Neb., $25,301; 1 pony truss bridge, to Humphrey & Sons, Cherokee $9,345, and 1 pony truss bridge, to Wickes Eng. & Constr. Co., 1441 Bluff St., Des Moines, $7,524. Grand total $42,170.

Ia., Ottumwa—Grading, curbing and concrete paving 33,000 sq.yd. various streets, to C. F. Lytle Constr. Co., Trimble Bldg., Sioux City, at $1.95 per sq.yd. Noted May 27.

Ia., Sibley—Osceola Co., grading 7 mi. roads in Viola Twp. and 5.5 mi. in Horton Twp., to O'Hanlon & Reilly, Omaha, Neb. $17,324, and 2 mi. Cloversdale Rd., to S. Chase $2,519; concrete culvert pipe, to Sibley Cement Co., Sibley, $2,130; concrete culverts and bridges, to Graves Bros., Melvin, $15,904; culverts, to A. H. Hattenforf, Ocheyedan, $2,796. Grand total $40,673. Noted Apr. 15.

Ia., Sioux City—Woodbury Co., improving Moville-Climbing Hill Rd., 80,748 cu.yd. excav., 28,612 cu.yd. channel change, and 28,231 sta.yd. overhaul, to C. F. Betz, Sioux City, $22,637; bridge work, to McCallan & Dorn, South Sioux City, Neb., $8,700. Noted May 13.

Kan., Alma—Wabaunsee Co., to J. L. Collins, Junction City, grading, etc. 6.053 mi. Federal Aid Project 292-D $27,546, one 32 ft. I-beam bridge $3,528, and one 20 ft. slab span bridge, $3,321. Grand total $34,395. Noted Apr. 24.

Kan., Concordia—Grading, curbing, guttering and 2½ in. on 4 in. brick surfacing 14,648 sq.yd. various streets, to J. B. Watts, Concordia. Noted May 13.

Kan., Manhattan — Riley Co., grading, brick surfacing, etc. 1.068 mi. Golden Belt Rd., Federal Aid Project 327-A, 24 ft., to M. R. Ammerman, 248 North Market St., Wichita, $58,479. Noted May 13.

Kan., Valley Falls—For 3 in. brick on 5 in. base paving various streets, to Taylor & Allison, Chanute, $24,366. Engrs. est. $25,000. Noted May 20.

Nebraska — Improving 5.6 mi. Federal Aid Project 45-B, Sioux Co., 5,980 cu.yd. solid rock, and 90,900 cu.yd. earth excav., also 7,560 cu.yd. top soil or clay surfacing, to S. L. Smith, Henry, $32,699; also graveling $1,800 sq.yd. Federal Aid Project 139-G, and 69,000 sq.yd. Federal Aid Project 93-A, Antelope Co., to Western Bridge & Constr. Co., 748 Peters Trust Bldg., Omaha, $28,350.

S. D., Chamberlain—Brule Co., improving 13.64 mi. Federal Aid Project 194-C, 2,284 cu.yd. rock and 131,207 cu.yd. earth excav., 47,386 sta.yd. overhaul, 566 cu.yd. concrete, and 54,263 lb. reinforcing, etc., to R. P. England, Mitchell, $48,115.

S. D., De Smet—Kingsbury Co., improving 10.78 mi. roads, 87,982 cu.yd. earth excav., 72,551 sta.yd. overhaul, etc., to Dowd Bros. & Noonan-Hyde Co., Watertown, $30,650.

S. D., Murdo—Jones Co., grading, etc. 171,030 cu.yd. Federal Aid Project 185-F, to G. W. England & Son, Murdo, $59,945.

S. D., Redfield — Spink Co., improving 12.02 mi. roads, 120,768 cu.yd. earth excav., 107,989 sta.yd. overhaul, etc., to Dowd Bros., & Noonan-Hyde Co., Watertown, $36,557.

S. D., Timber Lake—Dewey Co. improving 2.85 mi. roads, 6,621 cu.yd. rock and 55,415 cu.yd. earth excav., 7,379 sta.yd. overhaul, etc., to Northwestern Eng. Co., Kadoka, $31,868.

N. D., Bismarck—Burleigh Co., grading, etc., 9.931 mi. Red Trail Rd. from McKenzie west, to C. P. Burnstad, Burnstad, $35,184.

Mo., Aurora — Concrete paving, etc. various streets, to Prince & Minton, Parsons, Kan., $26,839. Noted May 27.

Mo., Caruthersville — Grading, curbing and 7 in. concrete paving 7th St. Walker, Highland and Cotton Aves., to H. H. Hall Constr. Co., Murphy Bldg., East St. Louis, Ill., $29,594; and tarvia resurfacing, etc., various streets, to N. W. Helm, Caruthersville, $6,100.

Mo., Springfield—To Stigall Constr. Co., Talmadge and Benton Sts., concrete paving, etc., 930 sq.yd. Florence Ave. $2,267, 2,663 sq.yd. Fulton Ave. $4,793, and 9,085 sq.yd. Division St. $20,641; also to E. V. Koch, 426 North Moffett St., improving Fort St., 4,504 sq.yd. concrete paving at $1.90 per sq.yd., and 2,485 ft. curbing $0.20. Noted Apr. 22.

Texas—H. Mosley, chn. State Hy. Comn., Austin, grading and 2½ in. bituminous macadam on sledged stone paving 7.9 mi. Highway 20 Federal Aid Project 304-B, Unit 2, 18 ft., to Womack Constr. Co., Sherman, $88,528. Engrs. est. $80,000. Noted May 20.

Tex., Cameron—State Hy. Comn., Austin, grading 15.067 mi. Federal Aid Project 494-A, Milam Co., to A. D. Buchanan, Temple, $43,827. Noted May 13.

Tex., Cleburne—Johnson Co., asphaltic concrete paving Willingham, Buffalo, South Walnut, and West Heard Sts., to West Texas Constr. Co., 504 Cotton Exch. Bldg., Ft. Worth, $103,567. Engrs. est. $110,000. Noted Apr. 29.

Tex., Dallas — Grading, curbing and guttering and asphaltic concrete paving 3,761 sq.yd. Lancaster Ave., to Smith Bros., Santa Fe Bldg., $49,584.

Tex., Dallas—Grading, curbing, guttering and warrenite bitulithic paving 7,500 ft. Oak Cliff Blvd., 20 and 30 ft., to Warren Bitulithic Co. Praetorian Bldg., $75,110; also grading, curbing, guttering and bitulite paving 4,121 ft. Floyd St., to Smith Bros., Santa Fe Bldg., $26,865.

Tex., Dallas—Paving Orange St. from Pacific to McKinney Aves., to Uvalde Paving Co., Santa Fe Bldg., $56,135.

Tex., Dallas—Paving Wooden Blvd., Williams and Murray Sts., to Uvalde Paving Co., Santa Fe Bldg., $24,206; also Loomis, Bonview and Manett Sts., to Fuller Constr. Co., Republic Bank Bldg., $27,471.

Tex., Decatur — Wise Co., grading 7.765 mi. Highway 39, State Aid Project 667, to Tibbetts Constr. Co., Joseph Bldg., Ft. Worth, $23,029; bridges on same road, to O. Speer, Alwood, $21,978. Engrs. est. $56,000. Noted May 27.

Tex., Henderson — Rusk Co., grading, bridging, etc. 4.87 mi. Highway 26-A, State Aid Project 653, to Cook & Arrington, Crockett, $29,346. Engrs. est. $30,000. Noted May 27.

Tex., Houston—Harris Co., rock asphalt repaving Milam St. from Polk to Hadin Aves., to Uvalde Rock Asphalt Co., 829 Bankers Mortgage Bldg., $71,242. Engrs. est. $75,000.

Tex., Palestine—Anderson Co. (Palestine and Freestone Co., (Fairfield), grading 2 mi. Highway 43, Federal Aid Project 455-D, to Thomas & Ratliff, Rogers, $26,000.

Tex., Sweetwater—Asphaltic macadam paving 33,920 yd. various streets, to Burke & Corbett, Stephenville, at $1.61 per yd. Noted May 6.

Oklahoma — State Hy. Dept., Oklahoma City, **(F. A. P. means Federal Aid Project, S. A. P. means State Aid Project and e. e. means engineers estimate)**, to Hamilton Constr. Co., Bartlesville, grading, etc. 24.76 mi. Tahlequah-Kansas Rd., Cherokee Co., 109,310 cu.yd. earth and 17,400 cu.yd. rock excav., etc., $81,520 e. e. $90,000, and 7 mi. Bartlesville-Nowata Rd., Nowata Co., $31,532 e. e. $35,000, to Wiggins & Co., Hass Bldg., Oklahoma City, F. A. P. 145-D, Comanche Co., 23.64 tons reinforcing, etc., $16,533 e. e. $25,000, and F. A. P. 146-E, Stephens Co., 30.45 tons reinforcing, 57.42 tons structural steel, 6,450 ft. wood piling, etc., $35,453 e. e. $40,000, to J. E. Smith, Noble, F. A. P. 145-C, Comanche Co., 25.25 tons reinforcing, etc., $15,939 e. e. $25,000, and F. A. P. 145-D, Stephens Co., 25.81 tons reinforcing, etc., $15,844 e. e. $25,000, to E. S. Alderman, 1614 West 39th St., Oklahoma City, 5 mi. F. A. P. 145-A, Comanche Co., 26.46 tons reinforcing, etc., $15,394 e. e. $25,000, to National Constr. Co., Lawton, F. A. P. 145-E, 46 tons reinforcing, 19.55 tons structural steel, 1,188 ft. wood piling, 14,705 ft. oak flooring, etc., $23,622 e. e. $25,000, to Taylor & Younger, Blanchard, 7.783 mi. road east of Marland, F. A. P. 146-B, Stephens Co., 39,019 cu.yd. earth, and 2,520 cu.yd. rock excav., 8,235 cu.yd. borrow, 27,687 units overhaul, 16.48 tons reinforcing, etc., $22,928 e. e. $25,000, to Ellis & Lewis, Muskogee, 5 mi. F. A. P. 192-B, 26,087 cu.yd. earth and 1,111 cu.yd. rock excav., 2,683 cu.yd. borrow, 16,565 sta. yd. overhaul, 8.79 tons reinforcing, etc., $18,791 e. e. $25,000, 5 mi. F. A. P. 192-C, 26,918 cu.yd. earth and 5,089 cu.yd. rock excav., 3,490 cu.yd. borrow, 17,948 units overhaul, 8.32 tons reinforcing, etc., $15,555 e. e. $25,000, and gravel surfacing 3.75 mi. S. A. P. 141-F, 6,943 cu.yd. gravel, etc., $16,454 e. e. $25,000, all Nowata Co.; to Gibson & Mitchel, Pauls Valley, grading andn concrete surfacing 0.051 mi. S. A. P. 216, Pontotoc Co., 2,482 cu.yd. excav., 27,013 lb. reinforcing, 8,702 sq.yd. concrete, etc., $18,918 e. e. $25,000. Grand total $328,483.

Okla., Rush Springs—City Clerk, grading and concrete paving 6,950 sq.yd. Blakeley Ave., to Gibson & Mitchell, Pauls Valley, $20,342. Noted May 20.

Wash., Port Angeles—Clallam Co., grading 5.5 mi. Olympic Highway between Elwha River and Lake Sutherland, to J. Allen Eng. Co., Olympia, $80,949.

Wash., Yakima—Concrete paving, etc., North 2nd Ave., North 6th and West C Sts., to Hardy & Richings, Yakima, $67,264. Noted Apr. 29.

California—State Hy. Comn., Sacramento, concrete widening 17.3 mi. road between Whitewater River and Edom, Riverside Co., to Matich Bros., Elsinore, $103,395, engrs. est. $110,175; also four 30 ft. span rein.-

Streets and Roads (Continued)

con. girder bridge over Auburn Ravine at Lincoln, Placer Co., to Holdener Constr. Co., 2310 J St., Sacramento, $14,661, engrs. est. $14,789. Noted Apr. 22.

Calif., Beverly Hills — D. J. Firminger, city clk., curbing, guttering, walks and warrenite paving 99,583 sq.ft. Realtor Rd., and 79,057 sq.ft. Stanley Dr., to Griffith Co., Los Angeles, $26,142 and $26,425 respectively. Noted June 3.

Calif., Concord — Grading, asphaltic macadam and 6 in. concrete paving, etc. various streets, to Peres Bros., 475 10th St., Richmond, $21,957. Noted Mar. 25.

Calif., Hollister — E. Dowdy, clk. San Benito Co., asphaltic macadam surfacing approximately 5 mi. various roads, to Granite Constr. Co., Watsonville, $49,936. Noted June 3.

Calif., Lodi — Trustees, grading and Warrenite on asphaltic concrete paving Lockford and Washington Sts., to Clark & Henery Constr. Co., Chancery Bldg., San Francisco, approximately $36,000. Noted Mar. 4.

Calif., Los Angeles — Bd. Pub. Wks., improving Tujunga Ave., to Tyron & Brain, 201 Tajo Bldg., $144,523. Engrs. est. $154,574.

Calif., Los Angeles — Bd. Pub. Wks., curbing, walks, concrete paving, etc. Ventura Blvd. between Cahuenga and Vineland Way, to Tryon & Brain, Tajo Bldg., $25,173. Noted May 27.

Calif., San Diego — Common Council, improving Armada Terrace, Talbot St., etc., to J. Hansen, 413 Bancroft Bldg., $43,189. Noted Apr. 1.

Ontario—Dept. Highways, Toronto, concrete paving 5 mi highway from Clinton to Goderich, to Boss & Brazier Constr. Co., 476 Richmond St., London. Engrs. est. $140,000.

Ont., Kingston—Will pave with asphalt Brock St. $10,609, Earl St. $2,599, Union St. $19,901, also with sheet asphalt Nelson St. $5,689, and York St. $10,082, by day labor. Grand total $48,880.

Buildings—Commercial

Proposed Work

N. H., Rochester—SALES, SERVICE and COMMUNITY — Rochester Realty Co., c/o Dow, Harlow & Kimball, 184 Boylston St., Boston, archt., having sketches made 1 and 2 story and basement, 100 x 115 ft., rein.-con., Hanson, Wakefield and Autumn Sts. To exceed $150,000.

Mass., Boston—GARAGE and STORE—G. N. Meserve, archt., 49 Federal St., preparing preliminary plans 2 or more story, brick and stone, Columbus Ave. and Dartmouth St. $200,000. Owner's name withheld.

Mass., Boston — HOTEL — Boston Loan Co., A. Bornstein, 275 Washington St., having plans prepared by Silverman, Brown & Heenan, 51 Cornhill, 4 story and basement, brick, Warrenton St. $150,000.

Mass., Boston — MARKET — Uphams Corner Market Co., J. Cifrino, pres., 600 Columbia Rd., having sketches made by W. M. Bacon, 27 Kilby St., Boston, 3 story and basement, brick and stone, Columbia Rd. $150,000.

Mass., Boston—WAREHOUSE—Morgan's Inc., 755 Washington St., Boston, having plans prepared by I. Richmond, 249 Boylston St., 6 story, 67 x 140 ft., rein.-con., plain foundation, 1010 Massachusetts Ave. To exceed $150,000.

Mass., Lynn—BANK—Natl. City Bank of Lynn, A. A. Pinkham, pres., Market St., having preliminary plans prepared by C. L. Betton, 31 Exchange St., altering and constructing 1 and 2 story and basement, concrete, steel and brick addition, 134 Market St. $150,000.

Mass., Norwood—OFFICE—Town, Pub. Building Dept., having plans prepared by W. G. Upham, Bigelow Bldg., 2 story and basement, brick and stone, Manhattan, West and Market Sts. $275,000.

Mass., Plymouth — TEMPLE—Plymouth Lodge A. F. & A. M. plans brick, stone, and marble masonic temple. To exceed $150,000. Engineer and architect not selected.

Mass., Springfield—HOTEL—Oaks Hotel, 17 Thompson St., having sketches made by H. L. Stevens, 522 5th Ave., New York City, hotel, State and Thompson Sts. $450,000.

Mass., Turners Falls—THEATRE—P. D. Shea, Turners Falls, c/o J. H. McNaughton, archt., 177 State St., Boston, having preliminary plans prepared 1 story and basement, 50 x 100 ft., brick and steel theatre. $150,000.

R. I., East Greenwich — HOSPITAL — Crawford-Allen Memorial Hospital having plans prepared by York & Sawyer, 100 East 42nd St., New York City, hospital addition. $250,000.

R. I., Providence—BANK and STORE—R. M. Dobbins, Natl. Union Bldg., having preliminary plans prepared by T. J. H. Pierce, Inc., 30 Allens Ave., 2 story and basement, 60 x 80 ft., and 50 x 80 ft., concrete and brick bank and store building. $150,000.

Conn., Hartford — BUSINESS — Owners, c/o J. H. Naylor, 1 Main St., having plans prepared by Whiton & McMahon, 805 Main St., 10 story, brick and steel, Main St. $300,000.

Conn., Hartford — THEATRE — A. M. Schuman & J. Walsh, 909 Albany Ave., had plans prepared by J. Tuck, Park Sq. Bldg., Boston, Mass., brick, steel and marble, plain foundation, Farmington Ave. $350,000.

Conn., New Britain—HOTEL—M. Cohn, 7 Main St., plans 5 story, brick and steel hotel, Main St. To exceed $150,000. Engineer and architect not selected.

Conn., West Hartford (br. Hartford)—RECREATION—P. Mount, 20 Raymond Rd., having plans prepared by G. H. Matthews, 48 Campbell Ave., Hartford, 4 story and basement, 95 x 125 ft., rein.-con., brick and stone, Raymond Rd. $200,000.

N. Y., Brooklyn—APARTMENT—Owner, c/o H. Hurwitz, engr. and archt., 41 West 33rd St., New York City, having plans prepared 6 story, brick, steel and stone, plain foundation, Marcy Ave., here. $350,000.

N. Y., Brooklyn — APARTMENT — P. Runnells, c/o DePace & Juster, archts. and engrs., 8 West 40th St., New York City, having plans prepared 5 story, brick, steel and stone, plain foundation, 22nd Ave. $200,000.

N. Y., Brooklyn—APARTMENT—Rigat Constr. Co., c/o W. I. Hohauser, engr. and archt., 1400 Bway., New York City, having plans prepared brick, steel and stone, plain foundation, Ocean Ave., here. $325,000.

N. Y., Brooklyn—THEATRE and STORE—L. Nelson, 215 Montgomery St., soon takes bids brick, steel and stone, plain foundation, Utica Ave. $250,000. C. A. Sandblohm, 145 West 45th St., New York City, engr. and archt.

N. Y., Buffalo—CLUB—Town Club, 244 Delaware Ave., having preliminary plans prepared by Plumer & Mann, 792 Main St., 3 story, 120 x 250 ft. clubhouse, Delaware Ave. $300,000.

N. Y., New York—APARTMENT—Hurland Holding Corp., c/o H. Hurwitt, engr. and archt., 41 West 33rd St., having plans prepared 6 story, brick, steel and stone, plain foundation, Anthony Ave. $200,000.

N. Y., New York—APARTMENT—Stoneman Realty Corp., c/o G. G. Miller, engr. and archt., 1482 Bway., having plans prepared 6 story, brick, steel and stone, plain foundation, Park Terrace. $700,000.

N. Y., New York — CLUB — Greater Pythian Temple, M. Levy, pres., 84 5th Ave., soon takes bids 8 story, brick, steel and stone, plain foundation, West 70th St. T. W. Lamb, 644 8th Ave., engr. and archt.

N. Y., New York—CLUB—New York County Lawyers Comn., 27 Pine St., N. Conboy, chn. Building Com., plans brick, steel and stone, plain foundation, 12 Vesey St. $250,000. Engineer and architect not selected.

N. Y., New York—LOFT—Trinity Church Corp., c/o Parker & Shaffer, engrs. and archts., 280 Madison Ave., having plans prepared 12 story, brick, steel and stone, plain foundation, Varick St. between West Houston and King Sts. $2,500,000.

N. Y., New York—OFFICE—Fortieth Street & Park Ave. Corp., c/o V. C. Farrar, engr. and archt., 1 Pershing Sq., having plans prepared brick, steel and stone, plain foundation, Park Ave. and 40th St. $1,000,000.

N. Y., New York — OFFICE — Four Hundred Forty-One Forty-Three 7th Ave. Co., c/o J. C. Westervilt, engr. and archt., 36 West 34th St., having plans prepared brick, steel and stone, plain foundation, 441 7th Ave. $350,000.

N. Y., Utica — CLUBHOUSE and SCHOOL—Grace Episcopal Church, soon takes bids brick, steel and stone, plain foundation, Devereaux St. $350,000. F. B. and A. Ware, 1170 Bway., New York City, engrs. and archts.

N. Y., White Plains — OFFICE — Bd. Supervs. Westchester Co., Court House, soon takes bids 10 story, 250 x 250 ft., brick, steel and stone, plain foundation, Court St. $800,000. B. W. Morris, 101 Park Ave., New York City, engr. and archt. Noted Apr. 15.

N. J., Plainfield—HOSPITAL—Muhlenburg Hospital, 2nd Ave. soon takes bids brick, steel and stone addition, plain foundation. $500,000. Crow, Lewis & Wick, 200 5th Ave., New York City, engrs. and archts. Noted Apr. 9, 1925.

Pa., Phila. — APARTMENT — Warren Apartment Corp., c/o T. B. Lippincott & C. S. Schaef, archts., 11 South 16th St., having plans prepared 10 story and basement, 48 x 120 x 140 ft., rein.-con., brick and steel, plain foundation, 63rd and Columbia Sts. $750,000.

Pa., Pittsburgh—APARTMENT—Owner, c/o E. M. Dubold, Station St., having preliminary plans prepared by Thomas, Martin & Kirkpatrick, Cunard Bldg., Phila., 12 story and basement, irregular shaped, brick, stone and steel, Heland Ave. $325,000.

Pa., Pittsburgh — APARTMENT — Webster Hall Corp. of America, 600 Majestic Bldg., Detroit, Mich., having plans prepared by Halpin & Jewell, 1025 Hammond Bldg., Detroit, Mich., 3 story and basement, irregular shaped, brick and steel, Bayard and Melwood Sts. $500,000.

Pa., Upper Darby (Phila. P. O.) — APARTMENT—Owner, c/o W. H. Kantz, Inc., having plans prepared by Hodgens & Hill, 130 South 15th St., Phila., 1 and 2 story and basement, approximately 120 x 190 x 190 ft., rein.-con., brick and steel, plain foundation, 69th St. and Ashley Rd. $700,000.

D. C., Wash.—JAIL—Dist. Comrs., Dist. Bldg., having plans prepared by A. L. Harris, municipal archt., jail addition, 19th and C Sts. S. E. $300,000.

D. C., Wash.—WARD—Gallinger Hospital having plans prepared by A. L. Harris, municipal archt., ward building addition. $650,000.

N. C., Tryon—HOTEL—F. P. Bacon & associates, plan 100 room hotel, on Lake Lanier, near here. $400,000.

La., New Orleans—OFFICE—Huozagh & Hill, archts., 6 North Michigan Ave., Chicago, Ill., soon take bids 6 story and basement, 100 x 125 ft., rein.-con. and stone, St. Charles Ave. and St. Andrew St., here, for Pan Amer. Petroleum Corp., St. Charles and Howard Sts. $750,000. Noted Mar. 11.

O., Chillicothe—GARAGE and REPAIR SHOP—Dept. Hys. & Pub. Wks., Ohio-Hartman Bldg., Columbus, G. F. Schlesinger, highway dir., having sketches made by H. B. Briggs, Ohio-Hartmand Bldg., Columbus, 1 story, 100 x 145 ft., concrete and brick garage and repair shop, here. $75,000.

O., Cleveland—COMMERCIAL and THEATRE—Morris & Weinberg, archts., 3608 Euclid Ave. soon lets contract 1 story, 128 x 150 ft., brick, steel and concrete, 892 East 152nd St., for Virginia Theatre Building Co. $175,000.

O., Cleveland—COMMERCIAL and THEATRE—B. F. Brody, 203 Film Exch. Bldg., had plans prepared by N. Petti, Williamson Bldg., 1 and 2 story, 80 x 129 ft., brick, steel and concrete, 14225 Kinsman Rd. $150,000.

O., Cleveland—SALES and SERVICE—Motors Realty Co., c/o G. G. G. Peckham, pres., c/o Ohio Buick Co., 1903 East 19th St., soon lets contract 3 story and basement, 135 x 320 ft., brick, steel and concrete, Euclid Ave. near East 24th St. $600,000. W. S. Ferguson Co., 1900 Euclid Bldg., engrs. and archts.

O., Dayton — STORE and LOFT — I. C. Brenner & F. J. Hughes, 14 East 4th St., having plans prepared by F. J. Hughes, Inc., U. B. Bldg., 8 story, 35 x 70 ft., rein.-con. and tile, plain foundation, South Main St. $275,000.

O., Lorain — COMMERCIAL — Smith & Gerhardt, had plans prepared by Walker & Weeks, 1900 Euclid Bldg., 3 story and basement, 50 x 125 ft., brick and rein.-con. commercial building. $150,000.

Mich., Detroit — APARTMENT — R. L. Henderson, archt., 2539 Woodward Ave., prepared plans 4 story and basement, 80 x 80 ft., brick and steel, plain foundation, Burlingame and Monica Aves. $150,000. Owner's name withheld.

Mich., Detroit — OFFICE — Park Davis Co., 2951 Atwater St., having plans prepared by Smith, Hinchman & Grylls, engrs. and archts., 800 Marquette Bldg., 4 story and basement, 75 x 293 ft., rein.-con., brick and steel addition, Jos. Campau Ave.

Mich., Detroit—Y.M.C.A., A. G. Studer, genl. secy., Adams Ave., having plans prepared by Burrowes & Eurich, 415 Brainard St., 3 story and basement, rein.-con., brick and steel, plain foundation, incl. swimming pool, North Dist. $500,000.

Ill., Chicago—APARTMENT—Hooper & Janisch, archts., 879 North State St., soon takes bids 21 story and basement, 148 x 150 ft., rein.-con., brick and terra cotta, 1400 Lake Shore Dr., for Wille Bros., c/o architects. $2,500,000. F. A. Randall, 160 North La Salle St., engr.

Ill., Chicago—APARTMENT—Syndicate, c/o Hooper & Janisch, archts., 879 North State St., having plans prepared 12 and

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Buildings—Commercial (Continued)

15 story, 73 x 180 ft., rein.-con., brick, steel and terra cotta, 529 Cornelia Ave. $750,000. F. A. Randall, 160 North La Salle St., Chicago, engr.

Ill., Chicago—APARTMENT—McNally & Quinn, archts., 8 South LaSalle St., takes bids about June 15, 17 story and basement, 80 x 109½ ft., rein.-con., brick, steel and stone, wood pile foundation, 70 East Cedar St., for Seventy East Cedar St. Building Corp., c/o archts. $1,250,000.

Ill., Chicago—CLUB—K. M. Vitsthum & Co., archts., 307 North Michigan Ave., soon take bids 26 story, 90 x 188 ft., concrete, steel and stone, incl. gymnasium, swimming pool, etc., for Midland Club, 25 East Jackson Blvd. $4,500,000. Noted Feb. 4.

Ill., Chicago—HOTEL—Syndicate, c/o Haszagh & Hill, archts., 6 North Michigan Ave., having plans prepared 8 story and basement, 50 x 150 ft., rein.-con., brick and terra cotta, Kenmore Ave. near Lawrence Ave. $300,000.

Ill., Chicago—THEATRE, STORE and OFFICE—Z. E. Smith, archt., 343 East Garfield Blvd., soon takes bids 4 story and basement, 125 x 265 ft., rein.-con., brick, steel and terra cotta, East 75th St. between Essex and Kingston Aves., for E. I. Bloom, et al, 6711 Stony Island Ave. $2,000,000. Noted Jan. 28.

Ill., Chicago—THEATRE, STORE and OFFICE—Z. E. Smith, archt., 343 East Garfield Blvd., soon takes bids 3 story and basement, 125 x 198 ft., rein.-con., brick, steel and terra cotta, Irving Park Blvd. and Central Ave., for Syndicate, c/o architect. $1,250,000.

Ill., Chicago—WAREHOUSE—S. S. Joy, archt., 2001 West Pershing Rd., soon lets contract 1 story, 175 x 330 ft., brick and steel, South Kedzie and 51st Sts., for International Steel & Iron Co., 431 North Michigan Ave. $200,000.

Ill., Riverside—MUSEUMS, CAGES, etc.—Chicago Zoological Society of Cook Co., c/o E. A. Clark, archt., 8 East Huron St., Chicago, having plans prepared animal houses, museums, cages, artificial mountain, etc., 31st St. and Des Plaines Ave., here. $500,000.

Ill., Rock Island — OFFICE — Royal Neighbors of America, c/o E. Barthel, recdr., having preliminary plans prepared by Cervin, Horn & Stuhr, Safety Bldg., 4 story and basement, concrete, brick and stone office building. $300,000.

Wis., Burlington — THEATRE, etc. — Crystal Theatre Co., W. L. Uglow, proprietor, having plans prepared by E. Tough, Washington Bldg., Madison, 3 story and basement, 57 x 136 ft., brick and rein.-con., plain foundation.

Wis., Eau Claire—HOSPITAL—Foeller, Schober & Stephenson, archts., Nicolett Bldg., Green Bay, soon lets contract 3 story and basement, 44 x 130 ft., brick and concrete addition, plain foundation, here, for Sacred Heart Hospital, North Dewey St. $150,000. Noted June 3.

Wis., Milwaukee—THEATRE and BUSINESS—Owner, c/o F. P. Nusslock, 987 Becher St., having preliminary plans prepared by R. B. Williamson, 405 Bway., 1 and 2 story and basement, 150 x 150 ft., brick, concrete and terra cotta, plain foundation 3rd St. $700,000.

Wis., Oshkosh—THEATRE and BUSINESS—New company being organizeed, c/o W. Schroeder, 86 Michigan St., Milwaukee, having plans prepared by Foltz & Co., archts., 510 North Dearborn St., Chicago, Ill., and Dick & Bauer, superv. archts., 328 Century Bldg., Milwaukee, and soon takes bids 2 story and basement, rein.-con. and brick, plain foundation. Main St. $300,000. Noted May 6.

Wis., Sheboygan — LODGE — Sheboygan Aerie 277, F.O.E., W. G. Kell, pres., 2037 North 8th St., soon lets contract 3 story and basement, 140 x 150 ft., brick and concrete, plain foundation. To exceed $150,000. W. C. Weeks, 720 Ontario Ave., archt.

Ia., Des Moines—OFFICE and WAREHOUSE—International Harvester Co., Vine St., W. D. Price, supt. owner at 606 South Michigan Ave., Chicago, Ill., soon lets contract 5 story, 88 x 150 ft., rein.-con. and brick, plain foundation. $175,000. Noted May 27.

Kan., Kansas City—OFFICE—Federal Reserve Life Insurance Co., Federal Reserve Life Insurance Bldg., plans 20 story and basement, office building. $1,000,000.

Neb., Grant—COURT HOUSE—Perkins Co. voted $150,000 bonds, for court house.

Neb., Wilber—COURT HOUSE—Saline Co. election soon $175,000 bonds, court house.

Mo., Kansas City — APARTMENT HOTEL — Fisher Building Co., Commerce Bldg., having plans prepared by P. T. Drotts, Reliance Bldg., 8 story and basement, 55 x 120 ft., rein.-con., plain foundation, Linwood Blvd. and Tracy Ave. $500,000.

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Mo., Kansas City — HOTEL — Knickerbocker Hotel Co., c/o G. Palmer Graves, archt., Chicago, Ill., having plans prepared 12 story and basement, 140 x 180 ft., rein.-con., brick, steel, cut stone and terra cotta, 3623 Bway. $1,600,000. Cook & White, 306 Mutual Bldg., mech. engrs.

Mo., Newton—TEMPLE—Masonic Lodge having preliminary plans prepared by Greenbaum, Hardy & Schumacher, 216 Scarritt Bldg., Kansas City, masonic temple. To exceed $150,000.

Mo., Rolla—HOTEL—Chamber of Commerce having preliminary plans prepared rein.-con., brick and stone hotel. $150,000. Private plans.

Mo., St. Louis — BUS TERMINAL and GARAGE — Local Syndicate, c/o A. C. Hoehn, 730 Chestnut St., purchased site and plans 8 story and basement, 127 x 140 ft., rein.-con. and brick, 7th and Franklin Sts.

Mo., St. Louis—SALES and SERVICE—Oliver Cadillac Co., 3222 Locust St., having preliminary plans prepared by Mauran, Russell & Crowell, Chemical Bldg., 2 story and basement service building, Lindell Blvd. $250,000.

Ark., Hot Springs — HOTEL — P. Gerhardt, archt., 64 West Randolph St., Chicago, Ill., soon lets contract 7 story, 156 x 180 ft., rein.-con., brick, steel and terra cotta hotel, here, for S. W. Maltz, c/o architect. $500,000.

Tex., Amarillo — APARTMENT and GARAGE — R. Fisher, c/o Palo Duro Hotel, plans 3 story and basement, 75 x 140 ft., brick and concrete, 16th and Jackson Sts. $150,000. Engineer and architect not announced.

Tex., Bay City—HOTEL—Bay City Hotel Co., c/o C. A. Magill, having plans prepared by Howard & Howard, 615 San Jacinto St., Houston, 3 story and part basement, rein.-con. and brick, plain foundation. $160,000.

Tex., Beaumont—HOTEL—J. F. Voodhue, Calder Rd., having plans prepared 10 story and basement, fireproof, Orleans Ave. and Crockett St. $400,000. Engineer and architect names withheld.

Tex., Childress — HOSPITAL — Childress Co., c/o County Judge, voted $175,000 bonds, 3 story, rein.-con. and brick, plain foundation. Voelcker & Dixon, 4 Kahn Bldg., Wichita Falls, archts. Noted Apr. 8.

Tex., Cisco — TEMPLE — Cisco Masonic Lodge 556, c/o secretary, plans 4 story and roof garden, brick, stone and rein.-con. $175,000. Engineer and architect not selected.

Tex., Dallas—TEMPLE—Masonic Temple Corp., c/o S. P. Cochran, chn. building com., plans brick, stone, steel and rein.-con., Harwood St. between Canton and Young Sts. $1,000,000. Engineer and architect elected soon.

Tex., Ft. Worth — HOSPITAL — W. C. Hedrick, archt., 100 Ashland St., takes bids about June 20, 5 story, brick, stone, terra cotta and rein.-con., for Sisters of Charity of Incarnate Word, St. Joseph's Hospital. $300,000.

Tex., Ft. Worth—HOTEL and THEATRE—J. H. Jones & associates, Houston, had plans prepared by A. C. Finn, Bankers Mortgage Bldg., Houston, and W. C. Hedrick, 1st Natl. Bank Bldg., 22 story and basement, 100 x 200 ft., brick, stone, steel and rein.-con., 7th and Taylor Sts. $2,000,000. Noted Feb. 18.

Tex., Ft. Worth — TEMPLE — Masonic Temple Co., c/o W. S. Cooke, chn. com., 208 Taylor St., having plans prepared by W. G. Clarkson & Co., 1st Natl. Bank Bldg., 3 story, 100 x 300 ft., brick, stone and rein.-con., Henderson, North, Texas and Lake Sts. $1,000,000.

Tex., Houston — JAIL and CRIMINAL COURT — Harris Co., c/o H. L. Washburn, aud., plans jail and criminal courts building, Capital Ave. and Bagby St. $700,000. J. R. Bailey, 6 Waverly Dr., J. Finger, Woolworth Bldg., Hedrick & Gottlieb, H. F. Jones & Tabor and H. A. Overbeck, archts.

Tex., Mineral Wells — HOTEL — Crazy Well Hotel Co., c/o C. P. Collins, pres., Dallas, having plans prepared by Lang & Witchell, Amer. Exch. Bank Bldg., Dallas, and Withers & Merrell, Dallas, 6 story (ultimately 10 story) and basement, 100 x 200 ft. hotel, incl. 2 story, 100 x 200 ft. pavilion. $1,000,000. Noted Mar. 4.

Tex., San Antonio—ELKS CLUB—Elks Club, plans 4 story, fireproof addition, Pecan and Navarro Sts. $150,000. Address J. Burke, 502 East Evergreen St., exalted ruler.

Tex., San Antonio — OFFICE, HOTEL, THEATRE, etc. — F. L. Thompson & associates, c/o Grayburg Bldg., purchased site and plans 188 x 245 ft., office, hotel, theatre or department store building. $300,000. Engineer and architect selected soon.

Okla., Eufaula—COURT HOUSE—McIntosh Co. voted $175,000 bonds, 2 story and basement, rein.-con. and brick, plain foundation, Main St. Noted Aug. 20.

Okla., Oklahoma City—HOTEL—D. H. Harriman, 104 West Grand St., had preliminary plans prepared 3 story and basement, 85 x 150 ft., rein.-con. and brick, plain foundation, 9th and Robinson Sts. $150,000. Engineer and architect not selected.

Okla., Oklahoma City—STORE—J. D. Thomas, 1023 West 18th St., plans 3 story and basement, 80 x 140 ft., rein.-con., and brick, plain foundation, 11th and Walker Sts. $175,000. Engineer and architect not selected.

Wash., Seattle — STORE — Washington Co-operative Egg & Poultry Assn., having plans prepared by J. M. Reames, Bigelow Bldg., 4 story and basement, 115 x 158 ft., rein.-con., West John St. and Elliott Ave. $200,000.

Calif., Ensenada — CLUB — Interests represented by K. E. Preuss, et al., Los Angeles, having preliminary plans prepared by Parkinson & Parkinson, Title Insurance Bldg., Los Angeles, club, with 3,000 ft. pier, here. $1,000,000.

Calif., Fresno—THEATRE and OFFICE—A. Pantages Circuit, Pantages Theatre Bldg., San Francisco, having preliminary plans prepared by B. M. Precita, Pantages Theatre Bldg., San Francisco, 150 x 150 ft., concrete and steel, Fulton and Tuolumne Sts. $250,000 or more. Noted Nov. 12.

Calif., Lodi—CITY HALL—Plans election $150,000 or more bonds, brick and concrete city hall. Davis-Pearce Co., Weber & California Sts., Stockton, archts.

Calif., Los Angeles—APARTMENT—D. Lazar, 3871 West 6th St., had plans prepared by L. A. Smith, Film Exch. Bldg., 4 story and basement, 115 x 126 ft., stucco, 1209 South Lake St. $150,000.

Calif., Los Angeles — APARTMENT — L. A. Smith, archt., Film Exch. Bldg., preparing plans 4 story and basement, 88 x 150 ft., brick, 4th St. and Alexandria Ave. $150,000. Owner's name withheld.

Calif., Los Angeles—HOSPITAL—A. C. Martin, archt., Higgins Bldg., preparing plans (1st unit) 3 story, brick and steel, Towne Ave. $150,000. Owner's name withheld.

Calif., Los Angeles—HOSPITAL—Barlow Sanitorium, 1225½ Chavez Rd., had plans prepared by A. S. Nibecker, 1624 Bushnell St., South Pasadena, 2 and 3 story, 50 x 140 ft., rein.-con., Ravine Rd.

Calif., Los Angeles—HOSPITAL—Pacific Beach Hospital, 4th St. and Pacific Ave., having plans prepared by W. H. Shaw, 1747 Maltman Ave., 7 story and basement, steel, Pacific Ave. To exceed $750,000.

Calif., Los Angeles—HOTEL—L. Kaufmann, c/o Metcalf & Ryan, Sun Finance Bldg., purchased 105 x 120 ft. site, and plans 12 story hotel, 6th St. and Virgil Ave. Approximately $700,000.

Calif., Oakland—OFFICE and LODGE—United Masonic Building Assn., c/o E. T. Foulkes, archt., Crocker Bldg., San Francisco, having preliminary plans prepared 18 story, basement and sub-basement, steel and brick, 12th and Harrison Sts. $2,500,000.

Calif., Los Angeles — OFFICE and STORE — Security Title Co., 105 North Bway., plans 12 story and basement, 64 x 165 ft., probably steel and concrete, Bway. near 1st St. To exceed $350,000.

Calif., Los Angeles—STORE and OFFICE—C. Laemmle, pres., Universal Pictures Corp., 219 Winston St., plans 3 story (ultimately 12 story) and basement, Hollywood Blvd. and Vine St. $500,000. Engineer and architect not selected.

Calif., Los Angeles—STORE and LOFT—Lloyd & Casler, Inc., 315 East 8th St., having preliminary plans prepared by W. D. Lee, Textile Center Bldg., 12 story and basement, 55 x 125 ft., rein.-con., 8th and Santee Sts. To exceed $300,000.

Calif., Los Angeles—STORE and OFFICE—Security Title Building, Inc., having plans prepared by Walker & Eisen, Great Republic Bldg., 12 story and basement, 120 x 131 ft., brick, steel and rein.-con., Grand Ave. and 6th St.
E. & R.

Calif., Los Angeles—THEATRE—N. W. Stowell, 129 West 2nd St., having plans prepared by Morgan, Walls & Clements, Van Nuys Bldg., rein.-con., Hill St. To exceed $300,000.

Calif., Napa—HOSPITAL—Napa Community Hospital having preliminary plans prepared by D. M. Crooks, 532 16th St., Oakland, 1 or 2 story, fireproof, North Brown St. $150,000.

Calif., Pastori—CLUB—The Emporium, Market and Powell Sts., San Francisco, had plans prepared by Ashley & Evers, 58 Sutter St., San Francisco, group country club buildings, here. $150,000.

Buildings—Commercial (Continued)

Calif., Sacramento — JAIL — Sacramento Co., H. Hall, clk., plans jail, 7th and H Sts. $150,000 or more.

Calif., Salinas — HOSPITAL — Monterey Co., T. P. Joy, clk., having preliminary plans prepared by Reed & Corlett, Bank of Savings Bldg., Oakland, fireproof hospital. $150,000.

Calif., San Francisco—APARTMENTS—A. H. Larsen, archt., 110 Sutter St., soon takes bids two 4 story and basement, concrete, Clay St. west of Van Ness Ave., for Stock, Maas & Sauer. $75,000 each.

Calif., San Francisco—OFFICE—General Electric Co., Rialto Bldg., having plans prepared by Miller & Pflueger, 581 Market St., fireproof construction. To exceed $150,000.

Calif., San Francisco—WAREHOUSE—Matson Navigation Co., Matson Bldg., having plans prepared 3 story, 118 x 137 ft., rein.-con. warehouse with automatic sprinkler system, Bryant and Main Sts. $150,000. A. A. Brown, 215 Market St., engr.

Calif., Santa Barbara—HOTEL—A. L. Richmond, having preliminary plans prepared by R. Sauter, Mission Ridge, 4 story and basement, fireproof hotel. $350,000 or more.

Que., Montreal — COMMERCIAL — Asch Ltd., 51 Sherbrooke St. W., soon takes bids 3 story and basement, 100 x 116 x 236 ft., rein.-con., brick and stone, St. Catherine and St. Alexander Sts. $300,000. F. Peden, 4-A McGill College Ave., archt.

Ont., Nipigon — CLUBHOUSE — Nipigon Hunting & Fishing Club, 15 Manning Arcade Annex, having plans prepared by H. G. Duerr, Lumsden Bldg., Toronto, 1 and and 2 story, rein.-con. and timber, plain foundation. $200,000.

Ont., Toronto — THEATRE — R. McLelland, Capitol Theatre, Yonge St., plans 2 story and basement, rein.-con., brick and steel, plain foundation, Mt. Pleasant Rd. $150,000. Engineer and architect not selected.

Bids Desired

Mass., Barnstable — SANATORIUM — June 17, by Comrs. Barnstable Co., c/o J. Purdon, archt., 50 Congress St., Boston, 2 and 3 story and basement, brick and stone childrens building, superintendent's cottage and addition to ward building, Barnstable Sanatorium. To exceed $150,000.

Mass., Boston—BUSINESS BLOCK—See "Contracts Awarded."

Mass., Boston—STORE and OFFICE—David Sears Realty Trust, c/o Shepard & Stearns, archts., 65 Franklin St., taking bids 6 story and basement, brick and steel, Dock Sq. corner Washington St. $150,000 or more.

Mass., Brookline (br. Boston)—APARTMENT—See "Contracts Awarded."

Mass., Brookline (br. Boston)—GARAGE—Henderson & Ross, 209 Washington St., Boston, taking bids 3 story and basement, 120 x 145 ft., rein.-con., brick and steel, Coolidge corner, John, Pleasant and Waldo Sts. $500,000. H. F. Kellogg, 278 Stuart St., Boston, archt. Noted Apr. 30.

Mass., Fall River—MEMORIAL BUILDING—Goff Memorial for Children, taking bids 2 story and basement, brick, plain foundation. $150,000. Kendall, Taylor & Co., 142 Berkley St. Boston, archts.

Mass., Somerville (br. Boston)—CLUB—Italian Mutual Benefit Assn., A. F. Bianchi, doctor, c/o J. A. Quick, archt., 10 Tremont St., Boston, taking new bids 2 and 3 story and basement, rein.-con. and brick, club house and bowling alleys. $150,000.

R. I., Woonsocket—STORE, OFFICE and SOCIETY—L'Union St. Jean Baptist, c/o W. F. Fountaine, archt., 285 Main St., taking bids 3 story and basement, brick, plain foundation. To exceed $150,000. Noted Nov. 5.

Conn., Hartford—GARAGE—J. P. Nielson & Sons, 86 Maple St., taking bids 2 story, 96 x 300 ft., brick, steel and concrete, plain foundation, Washington St. $150,000. Noted Feb. 11.

Conn., Hartford — THEATRE and OFFICE — Colonial Theatres, Inc., c/o J. A. Tuck, archt., Park Sq. Bldg., Boston, taking bids 5 story and basement, 60 x 130 ft., rein.-con., brick and steel, Washington St., here. To exceed $150,000.

N. Y., Brooklyn — APARTMENT — See "Contracts Awarded."

N. Y., New York—HOTEL—See "Contracts Awarded."

Pa., Lansdowne—STORE and OFFICE—See "Contracts Awarded."

Pa., Phila.—APARTMENT—See "Contracts Awarded."

Pa., Phila. — RESTAURANT and OFFICE—June 15, by R. Beneckert, archt., Bellevue Court Bldg., 3 story, basement and sub-basement, 33 x 130 ft., rein.-con., brick, steel and limestone, plain foundation, 217-19 South Broad St., for Horn & Hardart, 214 South 10th St. $200,000. Noted Apr. 22.

W. Va., Charleston—OFFICE—July 12, by Capitol Building Comn., at office H. M. Gore, gov., Capitol Bldg., for Office 2, fireproof. Cass Gilbert, 244 Madison Ave., New York City, archt.; adv. E. N.-R. June 10.

O., Akron—OFFICE and GARAGE—June 14, by W. F. Peters, dir. Pub. Serv., 1 and 2 story, 156 x 280 ft., brick and steel, plain foundation, Johnston St., for City. $150,000. Good & Wagner, Mohawk Bldg., archts. M. P. Tucker, Municipal Bldg., engr. Noted Mar. 4.

O., Cleveland—APARTMENT—Narosny & Libhaber, 1087 Thornhill Dr., taking bids 3 story and basement, 106 x 116 ft., brick, 1715 East 115th St. $175,000. L. R. Walker, 1900 Euclid Bldg., archt.

O., Cleveland—BANK—June 16, by Union Trust Co., G. D. McGwinn, vice-pres., Union Trust Bldg., 1 story and basement, 87 x 137 ft., brick, steel and concrete, East 101st St. and Euclid Ave. $175,000. L. K. Moatz, Union Trust Bldg., archt.

O., Cleveland — COMMERCIAL and APARTMENT—A. Kramer, 11503 Saywell Ave., taking bids 3 story and basement, 60 x 144 ft., brick, East 140th St. and Lake Shore Blvd. $160,000. M. Weis, 617 Union Bldg., archt.

O., Cleveland—POLICE STATION and GARAGE—June 11, by City, E. S. Barry, dir. Pub. Safety, Ciyt Hall, 1 and 3 story, 80 x 85 x 120 ft., brick, steel and concrete, East 35th St. $150,000. H. Kregelius, City Hall, archt. Noted May 6.

Ind., Indianapolis—APARTMENT—See "Contracts Awarded."

Mich., Detroit—APARTMENT—J. Berman, 1317 Dime Bank Bldg., taking bids 8 story and basement, 135 apartment, rein.-con., brick and terra cotta, 3rd St. $850,000. C. N. Agree, 1133 Book Bldg., archt.

Mich., Detroit—ENGINE HOUSE—June 14, by H. Brabyn, secy. Bd. Fire Comrs., Wayne & Larned Sts., 2 story and basement, brick, steel and rein.-con., plain foundation, Montcalm St. $150,000. H. Gehrke, 1010 Donovan Bldg., archt.

Ill., Chicago—APARTMENT—June 16, by Childs & Smith, archts., 720 North Michigan Ave., 19 story and basement, 60 x 120 ft., rein.-con., brick, steel and terra cotta, wood pile foundation, Lake Shore Dr. and Burton Pl., for Baird & Warner, 134 South La Salle St. $2,000,000. Noted Apr. 1.

Ill., Chicago — BANK — See "Contracts Awarded."

Wis. Madison—HOSPITAL—June 15, by Methodist Hospital Assn., c/o W. Kirchoffer, Dean Bldg., 6 story, 48 x 176 ft., rein.-con., brick and steel, plain foundation, here. $200,000. Low & Low, 1st Central Bldg., archts. Noted Mar. 25.

Kan., Pittsburg—HOTEL—June 30, by Bd. Dirs. Besse Hotel Co., 138 room hotel. $250,000. Hawk & Parr, 504 Cotton Exch. Bldg., Oklahoma City, Okla., archts.

Mo., St. Louis — APARTMENT — See "Contracts Awarded."

Ark., Pine Bluff—TEMPLE—June 15, by Pine Bluff Shrine, c/o C. H. Bollinger, 218 East 6th St., 4 story and basement, 110 x 203 ft., rein.-con., stucco and concrete, Pine and Martin Sts. $250,000. M. Selligman, 206 Pine St., archt. Noted May 20.

Wash., Seattle—EXCHANGE—June 20, by Bebb & Gould, archts., Hoge Bldg., 2 story and basement, 82 x 107 ft., steel and concrete, 1506 17th St., for Pacific Telephone & Telegraph Co., 3rd and Seneca Sts. $200,000.

Calif., Los Angeles—CLUB—W. W. Ache, 1616 4th Ave., taking bids part 1 and 3 story, rein.-con., San Vicente Blvd., for Brentwood Country Club. $50,000 or more. J. Byers, 1501 Anita Dr., Santa Monica, archt.

Calif., Los Angeles—THEATRE—J. P. Perrine, archt., Lincoln Bldg., taking bids 1 story, 100 x 145 ft., rein.-con., South Central Ave., for A. Ramish, c/o architect. $150,000.

Calif., Oakland — See "Contracts Awarded."

Calif., Riverside — SANITARIUM — July 6, by Supervs. Riverside Co., tubercular sanitarium, incl., boiler and laundry plant, service building, ambulant and semi-ambulant buildings, etc. $150,000 or more. G. S. Wilson, 646 West 9th St., archt.

Bids Received

Tex., Corpus Christi — OFFICE — S. M. Nixon & associates, Robstown, 8 story, 50 x 100 ft., rein.-con., brick and stone, North Bway. and Leopard Sts., here, from L. T. Wright & Co., 919 Builders Exch. Bldg., San Antonio, $156,263. Noted Apr. 29.

Contracts Awarded

Me., Brunswick — BUSINESS BLOCK — Tondreau Bros., East Main St., 3 story and basement, rein.-con., brick and stone, to D. Lemieux & Co., 15 Russell St., Lewiston. Archts. est. $150,000.

Me., Poland—TOWN HALL—Town, Pub. Building Dept., 2 story and basement, brick and stone, to D. Lemieux & Co., 15 Russell St., Lewiston. Archts. est. $150,000.

Mass., Boston—BUSINESS BLOCK—M. Dana, Pemberton Bldg., will build 1 story and basement, 100 x 165 ft., rein.-con. and brick, River St. $150,000. Work will be done by separate contracts. F. A. Norcross, 46 Cornhill, Boston, archt.

Mass., Brookline (br. Boston)—APARTMENT—Walnut Hill Realty Co., Grove St., will build, 2 and 3 story and basement, irregular shaped, brick, Grove and Smith Sts. $200,000. Work will be done by separate contracts. Private plans.

Mass., Chicopee—STORE, THEATRE and OFFICE—R. L. Choiffetz, 510 Main St., Springfield, 2 story and basement, 95 x 135 ft., rein.-con., brick and steel, Main St., here, to M. H. D. Constr. Co., 44 School St., Boston. Archts. est. $175,000. Noted May 6.

Mass., Randolf—BANK—Randolf Savings Bank, H. B. French, pres., 1 story and basement, concrete, brick and steel, North Main and School Sts., to Archdeacon & Sullivan, 5 East Concord St., Boston. Archts. est. $150,000.

R. I., Warren — THEATRE — Lyrick & Whipple, Hospital Trust Bldg., Providence, altering and constructing 2 story and basement, brick and steel addition, here, to A. W. Merchant, Inc., Hospital Trust Bldg., Providence. Archts. est. $150,000.

Conn., Hartford—BUSINESS—Harvey & Lewis Co., 865 Main St., 8 story, brick, steel and granite, Main and State Sts., to S. C. Poriss Co., 104 Asylum St. Archts. est. $200,000. Noted May 20.

Conn., New Britain—BANK—Commercial Trust Co., 274 Main St., 6 story and basement, 50 x 140 ft., brick and stone, West Main St., to H. Wales-Lines Co., 134 State St., Meriden. Archts. est. $400,000. Noted Apr. 29.

N. Y., Albany—BANK and OFFICE—New York State Natl. Bank, 65 State St., 16 story, brick, steel and stone, plain foundation, State St., to Foundation Co., 120 Liberty St., New York City. Noted Mar. 4.

N. Y., Brooklyn—APARTMENTS—W. Kraslow, c/o Shampan & Shampan, engrs. and archts., will build 2 brick, steel and stone, plain foundations, Ft. Hamilton Parkway, by day labor. $800,000.

N. Y., Brooklyn—APARTMENT—Sherover Constr. Corp., c/o W. I. Hohauser, engr. and archt., 1400 Bway., New York City, will build 15 story, brick, steel and stone, plain foundation, Ashland Pl. and Lafayette Ave. $2,000,000. Work will be done by separate contracts.

N. Y., Long Beach — HOTEL — W. H. Reynolds, Lexington Ave. and 43rd St., New York City, brick, steel and stone, plain foundation, to United Fireproofing Co., 8 West 40th St., New York City. Archts. est. $2,500,000.

N. Y., Long Island City — TERMINAL and OFFICE — Pennsylvania R.R. Co., Broad St. Sta., Phila., Pa., rein.-con. and steel, at Sunnyside Yards, here, to Turner Constr. Co., 244 Madison Ave., New York City. Engrs. est. $2,000,000.

N. Y., Flushing — EXCHANGE — New York Telephone Co., 15 Dey St., New York City, 3 story, rein.-con., brick and steel addition, Bway., here, to Tidewater Building Co., 16 East 33rd St., New York City. Archts. est. $275,000.

N. Y., New York — APARTMENT — S. Aginsky, c/o G. G. Miller, engr. and archt., 1482 Bway., will build brick, steel and stone, plain foundation, University Ave. $800,000. Work will be done by separate contracts.

N. Y., New York—HOTEL—Phipps Foundation for Working Girls, H. C. Phipps, 787 5th Ave., 15 story, brick, steel and stone, plain foundation, 56th St. and 1st Ave., to M. J. Kramer, 1 West 47th St.

N. Y., New York—HOTEL—N. Minskoff, 2382 Grand Concourse, will build brick, steel and stone, plain foundation, 234 West 48th St. $2,000,000. Work will be done by separate contracts. H. I. Feldman, 516 5th Ave., archt. and engr.

N. Y., New York—LOFT—Bas Realty Corp., E. Schmerler, pres., 285 5th Ave., New York City, 16 story, brick, steel and stone, plain foundation, 2 West 29th St., to Magoba Constr. Co., 103 Park Ave. Noted Mar. 18.

N. Y., New York—STORE—I. Gimbel, Bway. and 33rd St., altering brick, steel and stone, department store, Bway. and 33rd St., to Thompson-Starrett Co., 250

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Buildings—Commercial (Continued)

Park Ave. Archts. est. $300,000. Noted Oct. 1.

N. Y., New York—OFFICE—E. Pinaud, 84 5th Ave., 7 story, brick, steel and stone, plain foundation, 214 East 21st St., to J. F. Cockerill, 17 East 42nd St. Archts. est. $350,000.

N. Y., Thiells—ATTENDANTS HOME—Superintendent Purch., Capitol, Albany, attendants home at Letchworth Village, here, to Bedford & Lyle, Inc., Thiells, $144,594. Noted May 20.

N. J., East Orange — DEPARTMENT STORE—R. H. Muir & Co., brick, steel and stone, plain foundation, Prospect and Main Sts., to J. W. Ferguson, 152 Market St., Newark. Archts. est. $200,000. Noted Apr. 29.

Pa., Lansdowne—STORE and OFFICE—P. Harrison, Bryn Mawr, will build 1 and 2 story and basement, 90 x 220 ft., rein.-con., brick and steel, plain foundation, Lansdowne and Baltimore Aves., here. Archts. est. $200,000. Work will be done by separate contracts. W. H. Lee, Schaff Bldg., archt. Noted May 6.

Pa., Phila. — APARTMENT — C. O. Elschlager, archt., 1615 Walnut St., 4 story and basement, 75 x 125 ft., brick and steel, plain foundation, 46th and Spruce Sts., to E. J. Kreitzburg, 1333 Arch St. Archts. est. $200,000. Owner's name withheld.

Pa., Phila.—APARTMENT—S. S. Silverman, Land Title Bldg., will build 4 story and basement, 34 x 161 ft., and 26 x 50 ft., rein.-con., brick and steel, plain foundation, 4317-21 Spruce St. $310,000. Work will be done by separate contracts. Private plans.

Pa., Phila.—STORE—W. H. Gravell & A. W. Hall, archts., Otis Bldg., 4 story and basement, 40 x 153 ft., rein.-con., brick and steel, plain foundation, 1915-19 Chestnut St., to J. Schnabel, Abbott Bldg. Archts. est. $200,000. Owner's name withheld. Noted May 13.

Md., Baltimore—OFFICE—Civic Centre Realty Co., 404 St. Paul St., 18 story, 72 x 100 ft., brick and steel, plain foundation, Calvert and Lexington Sts., to Wells Constr. Co., 237 5th Ave., New York City. Cogswell-Koether Co., 406 Park Ave., associate contractors. Archts. est. $550,000. Noted May 13.

Fla., St. Petersburg — HOTEL — J. H. Brown, New Suwanee Hotel addition, steel and rein.-con., to L. C. Parker, St. Petersburg, $500,000.

Miss., Meridian—HOTEL—Meyer-Florida Hotel Co., 11 story, rein.-con., brick and steel, 5th St. and 21st Ave., to Gauger-Korsmo Constr. Co., Memphis, Tenn. Archts. est. $750,000. Noted Apr. 15.

O., Canton—STORAGE WAREHOUSE—Ohio Power Co., 2 story, steel, brick and concrete, Northeast 2nd and Savannah Sts., to E. J. Landor Co., Renkert Bldg., $150,000. Noted May 6.

O., Cleveland — APARTMENT — A. Dombich A. Horwitz, 3416 East 134th St., 3 story and basement, brick, Bosworth Rd., to J. Meckler, 9602 Adams Ave. Archts. est. $150,000.

O., Columbus — CITY HALL — W. H. Duffy, dir. Pub. Serv., general contract. 5 story and basement, Front and West Broad Sts., to Boyajohn & Barr Constr. Co., 145 North High St., $936,250; electrical work, to Electric Power & Equipment Co., 208 North 3rd St., $41,061; heating and plumbing, to S. A. Esswein Heating & Plumbing Co., 546 West Broad St., $75,092. Grand total $1,052,403. Noted May 27.

O., Columbus—OFFICE and STORE—W. K. Lanman, 20 South 3rd St., 3 story and basement, 93 x 107 ft., brick and concrete, to E. Elford, 555 Park St., $175,000. Noted June 3.

Ind., Indianapolis—APARTMENT—Biltmore Realty Co. will build apartment. Work will be done by separate contracts under supervision George & Zimmerman, archts., 501 Meyer-Kiser Bank Bldg. $160,000.

Ind., South Bend — THEATRE and STORE—J. Handelsman, 304 South Wabash Ave., Chicago, Ill., general contract 8 story, 130 x 260 ft., brick, steel and rein.-con., here, to R. Sollitt & Sons, 303 Sherland Bldg.; steel, to Indiana Bridge Co., Muncie. Archts. est. $1,000,000. Orpheum Motion Pictures, theatre lessee, and Lloyds Dept. Stores, department store lessee, both of South Bend. Noted Mar. 11.

Ill., Chicago—APARTMENT—K. Rosenthal, 77 West Washington St., general contract 14 story, 66 x 74 ft., rein.-con. and brick, Chestnut St. and Ernst Court, to Rosenthal, Mayer & Lewis, 77 West Washington St. Archts. est. $1,000,000. Noted Mar. 18.

Ill., Chicago—APARTMENT—H. Lanski, 77 West Washington St., masonry contract 3 story and basement, 120 x 200 ft., brick and stone, 5520-24 Blackstone Ave., to Vagtborg Constr. Co., West 79th St., $250,000. Noted Apr. 29.

Ill., Chicago — APARTMENT — A. J. Obrenstein & Hild, archts., 222 East Ontario St., masonry and carpentry contract 8 story, 62½ x 119½ ft., rein.-con. and brick, 3941 Pine Grove Ave., to H. Janisch & Co., 1813 Winona St.; steel, to Atlas Iron Wks., 351 West 59th St., plumbing and heating, to H. L. Patterson Co., 4544 North Western Ave., for Pine Crest Building Corp., c/o architects. Archts. est. $300,000. Noted Apr. 29.

Ill., Chicago—BANK—H. L. Newhouse, archt., 4623 Drexel Blvd., masonry contract 3 story, 50 x 100 ft., concrete, brick and stone, 79th St. and Emerald Ave., to West Englewood Constr. Co., 6237 South Ashland Ave., carpentry contract, to A. L. Stressenrenter, 7855 Halsted St., for Auburn Park Trust & Savings Bank, 7855 South Halsted St. Archts. est. $400,000. Above architect now taking bids rest of work. Noted Apr. 8.

Ill., Chicago — BANK and OFFICE — Mundie & Jensen, archts., 39 South La Salle St., general contract 2 story and basement, 111 x 123 ft., brick and concrete, Milwaukee, Central Park and Oakdale Aves., to Local Constr. Co., 173 West Washington St., for 2nd Northwestern State Bank, Milwaukee, Central Park and Oakdale Aves. Noted Apr. 22.

Ill., Chicago—HOTEL—Dubin & Eisenberg, archts., 14 West Washington St., masonry and carpentry contract 6 story, 96 x 150 ft., rein.-con., brick, steel and terra cotta, Racine and Leland Aves., to A. Lindstrom Co., 77 West Washington St.; terra cotta, to Midland Terra Cotta Co., 105 West Monroe St.; plumbing, to Noble & Thumm, 1065 Addison St., for S. Isenstein, 2726 West Roosevelt Rd. Archts. est. $650,000. Noted Apr. 22.

Ill., Chicago—OFFICE—H. L. Newhouse, archt., 4623 Drexel Blvd., masonry and carpentry contract 4 story and basement, 90 x 125 ft., brick and terra cotta, 63rd St. and Ashland Ave., to West Englewood Constr. Co., 6237 South Ashland Ave., for West Englewood Natl. Bank Building Corp. Archts. est. $500,000. Noted Apr. 8.

Ill., Chicago—OFFICE and GARAGE—Building Construction Employers Assn., Chamber of Commerce Bldg., general contract 22 story, 100 x 150 ft., rein.-con., steel, granite, brick and terra cotta, Wacker Dr. and North La Salle St., to J. Griffiths & Son Co., 112 West Adams St. Archts. est. $4,000,000. Noted Apr. 8.

Ill., Chicago — THEATRE, STORE and APARTMENT — R. G. Wolff, archt., 410 North Michigan Ave., general contract 2 story, 135 x 225 ft., brick and terra cotta, Irving Park Blvd. and Austin Ave., to Thorgersen & Erickson, 4804 North Kedzie Ave., for Mitchell Bros., c/o architects. Noted Mar. 18.

Ia., Iowa City—HOSPITAL—W. H. Gemmill, secy. State Bd. Educ., State House, Des Moines, 7 story, 305 x 496 ft., rein.-con., brick and steel, plain foundation, here, to J. and W. A. Elliott, 905 Lumber Exch., Minneapolis, Minn., for State University of Iowa, $1,343,739. Noted Apr. 15.

Mo., Kansas City—APARTMENT HOTEL—H. Fisher, 615 Commerce Bldg., will build 8 story and basement, 67 x 108 ft., rein.-con., brick and cut stone, here, by day labor. C. A. Smith, 800 Finance Bldg., archt. Noted May 10.

Mo., St. Louis — APARTMENT — May Building & Investment Co., 808 Chestnut St., will build 3 story and basement, 48 x 102 ft., brick, concrete and stone, Enright Ave., by day labor.

Tex., Amarillo—OFFICE—M. B. Oliver-Eakle, 10 story and basement, 60 x 140 ft., brick, stone, and rein.-con., 6th and Polk Sts., to Hughes-O'Rourke Constr. Co., 1713½ Live Oak St., Dallas. Archts. est. $500,000. Noted Apr. 29.

Tex., Corpus Christi — OFFICE — S. M. Nixon and associates 8 story, 50 x 100 ft., brick, stone, and rein.-con. Bway. and Leopard Sts., to L. T. Wright & Co., Builders Exch. Bldg., San Antonio, $156,223. Noted Apr. 15.

Okla., Okemah — COURT HOUSE — Okfusgee Co., 4 story and basement, 70 x 90 ft., rein.-con. and brick, plain foundation, Atlanta St., to Tankersley Constr. Co., Sapulpa, $145,850. Noted May 6.

Okla., Ponca City—OFFICE—Marland Oil Co., 5 story and basement, 2 wings each, 40 x 120 ft., rein.-con. and brick addition, plain foundation, to Shallenberger Constr. Co., 1631 East 6th St., Tulsa, $310,225. Noted Apr. 1.

Calif., Los Angeles—HOTEL—Pacific Investment Co. with A. G. Bailey, Hillstreet Bldg., 6 story, rein.-con., East 5th St., to J. M. Cooper, Rives-Strong Bldg., approximately $160,000.

Calif., Oakland—HOSPITAL—Altenheim Hospital, 1720 Hopkins St., will build 3 story, frame and brick veneer annex, Hopkins St., by day labor. $150,000. A. T. Ehrenfort, 24 California St., San Francisco, archt.

Calif., Pasadena—EXCHANGE—Parkinson & Parkinson, archts., Title Insurance Bldg., Los Angeles, 3 story and basement, 100 x 150 ft., rein.-con., brick and steel, Green and Madison Sts., here, to Bradley Constr. Co., 1925 East 16th St., Los Angeles, $290,000. Noted May 27.

Calif., Pasadena—EXCHANGE—Parkinson & Parkinson, archts., Title Insurance Bldg., Los Angeles, 2 story and basement, 80 x 90 ft., brick, steel and rein.-con., Lake and Elizabeth Sts., here, to H. W. Baum Co., Central Bldg., Los Angeles, $150,000. Noted May 20.

Calif., San Francisco—APARTMENT—J. H. Rosseter, 945 Green St., 15 story and basement community apartment, Green St. near Jones St., to Quandt & Bros, Humboldt Bank Bldg. (archts.), under segregated contract system. $1,000,000.

Calif., San Francisco—APARTMENT—Corporation (being organized by San Francisco Capitalists), 15 story and basement, Class A construction, Jones and California Sts., to Cahill Bros., 55 New Montgomery St. $1,000,000 or more.

Calif., Santa Rosa—GARAGE and SHOW ROOMS—Cover-Lewis Motor Co., 1st and Main Sts., 1 story, rein.-con., B St., to Proctor & Cleghorn, Rosenberg Bldg., $150,000.

Ont., Toronto—APARTMENT—J. S. A Whealy, 4 story, 109 x 110 ft., steel, stone and brick, to Roberts Constr. Ltd., Room 220, 81 Victoria St. Archts. est. $220,000.

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Buildings—Industrial

Proposed Work

Mass., Boston — POWER HOUSE — Quincy Cold Storage Warehouse Co., 133 Commercial St., Boston, having plans prepared 4 story, 75 x 150 ft., brick, steel and concrete, Atlantic Ave.-T. Wharf. $1,000,000. F. L. Fairbanks, company engr.

Mass., Boston—REPAIR and SERVICE GARAGE—Noyes-Buick Co., 857 Commonwealth Ave., having preliminary plans prepared by F. A. McSheffrey, engr. and archt., 857 Commonwealth Ave., 2 story, rein.-con. and steel, North Beacon St. $175,000.

Conn., Westport — BOILER HOUSE — Westport Sanitarium, F. D. Ruland, had plans prepared by A. Kellogg, engr. and archt., 89 Franklin St., Boston, Mass., 1 story, 35 x 70 ft., brick boiler house. $50,000.

N. Y., New York — PLANT — Brooklyn Bridge Freezing & Cold Storage Co., 4 Vandewater St., had plans prepared 3 story, 75 x 175 ft., rein.-con., brick and steel addition, plain foundation, Vandewater St. $125,000. Private plans. Noted Apr. 29.

N. Y., New York—BAKERY—New York Baking Co., 82 Sullivan St., having plans prepared by C. B. Comstock, engr. and archt., 110 West 40th St., New York City, 3 story, rein.-con., brick and steel, plain foundation, Whitlock Ave. $200,000.

Md., Baltimore — SERVICE STATION and SHOWROOM—Zell Motor Car Co., Mt. Royal Ave., having plans prepared by T. W. Pietsch, Amer. Bldg., 2 story, 140 x 230 ft., rein.-con., brick and steel, plain foundation, 29th St. and Remington Ave. $100,000.

N. C., Sanford—BRICK PLANT—Sanford Shale & Brick Co., plans large brick plant, near here. $100,000.

Fla., Sarasota—COFFEE PLANT—M. L. Wread plans coffee plant and roasting mill, on Tamiami Trail near Hog Co. bridge. $250,000.

Miss., Aberdeen — CREAMERY — Aberdeen Creamery Co., F. Johnson, pres., takes bids about July 1, 3 story, 60 x 80 ft. creamery, rein.-con. $75,000. T. H. Allen, Bank of Commerce Bldg., and Hankert & Carnes, Hill Bldg., both Memphis, Tenn., archts.

La., Shrewsbury—ICE PLANT—Shrewsbury Ice & Produce Co. plans installing 30 ton ice plant, etc. at Shrewsbury Rd. and Kenner Air Line.

O., Canton — FACTORY — Damp-Proof Tile Co. plans factory, Whipple Rd. $50,000.

O., Cleveland — SUB-STATION — Cleveland Electric Illuminating Co., Illuminating Bldg., had plans prepared by E. J. Cook, engr. and archt., Illuminating Bldg., 1 story and basement, steel and concrete, Canal and Granger Rds. $50,000.

O., Cleveland — FACTORY — L. Eiben (Northern Blower Co.), 6409 Barberton Ave., had plans prepared by C. H. White, 1238 East 80th St., 1 story, brick and steel addition. $40,000.

Buildings—Industrial (Continued)

O., Cleveland—FACTORY—Rex Products Co., c/o F. B. Wadhams, 3121 Corydon Rd., had plans prepared by J. Kalsch, 4500 Euclid Ave., 1 story, 69 x 168 ft., steel and steel sash, 1916 East 55th St. $75,000.

O., Cleveland—FACTORY—White Motor, W. C. White, pres., 842 East 79th St., had plans prepared by W. S. Ferguson Co., 1900 Euclid Bldg., 1 story and basement, brick, steel and rein.-con. addition, East 79th St. $80,000.

O., Columbus—GARAGE and REPAIR SHOP—Dept. Highways & Pub. Wks., G. F. Schlesinger, dir., having plans prepared by Ohio Highway Engineers, Ohio-Hartman Bldg., 2 story and basement, 100 x 200 ft., brick and concrete, State Fair Grounds. $100,000.

Mich., Detroit — FACTORY — C. W. Brandt, archt., 1114 Kresge Bldg., preparing plans 5 story and part basement, 300 x 340 ft., rein.-con. and brick, plain foundation. $500,000. Owner's name withheld.

Ill., Chicago — PRINTING PLANT — Prairie Farmer Publinshing Co., 337 West Madison St., will not build 3 story, 49 x 139 ft. printing plant. $150,000. Project abandoned. Noted Apr. 22.

Wis., Amery—FEED MILL—F. Route having plans prepared by E. F. Klinger, Amery, rein.-con. feed mill and elevator. $40,000.

Wis., Janesville — FACTORY — Fisher Body Corp., Durant Bldg., Detroit, Mich., having preliminary plans prepared by Chevrolet Motor Co., 5804 Woodward Ave., Detroit, Mich., 1 story, 150 x 645 ft., brick and steel addition, here. $200,000.

Mo., Kansas City — HARDWARE FACTORY — Woods Bros. Constr. Co., Security Bldg., having plans prepared 1 and 2 story, 90 x 125 ft., Woodsweather Ave. To exceed $40,000. Private plans. Field Hardware Mfg. Co., 111 East 31st St., lessee.

Mo., St. Louis — FACTORY — Stinson Adding Machine Impvt. Co., 321 South Grand Blvd., having plans prepared by S. L. Thurston, 130 Kenilworth Ave., Webster Groves and takes bids about Sept. 1, 2 story and basement ,130 x 250 ft., rein.-con. and brick addition, Clara and Ashland Aves. $100,000 or more.

Tex., Alvin—FIG PRESERVING PLANT —Magnolia Fig Products Co., Inc., M. M. Elfers, pres., having preliminary plans prepared fig preserving plant. $42,000. Engineer and architect selected soon.

Tex., Amarillo—LAUNDRY—G. Lindsey, having plans prepared by J. R. Smith, 310 Blackburn Bldg., 1 story and basement, rein.-con. and brick addition, plain foundation. $80,000.

Tex., Beaumont—MILK PASTEURIZATION and CLARIFICATION PLANT—W. Q. Wade & H. H. Tucker, Crowley, La., having plans prepared by F. W. Steinman & Son, 411 San Jacinto Blvd., 1 story, 40 x 80 ft., milk plant. $40,000.

Tex., Cisco — GASOLINE PLANT — Phillips Petroleum Co., making plans gasoline plant. $250,000. Private plans.

Tex., Corpus Christi—COTTON MILL—Blacklanders Inc., c/o S. M. Nixon, pres., having preliminary plans prepared cotton mill. $300,000. Private plans.

Tex., Edinburg—LIGHT and WATER PLANT—Valley Electric & Ice Co., having preliminary plans prepared enlarging electric light plant, perfeeting water system and 20 ton addition to ice plant. $250,000. Private plans.

Tex., Galveston — PACKING PLANT — High Grade Packing Co., 2627 D St., having plans prepared by Stowe & Stowe, 3113 22nd St., 2 story packing house. $50,000.

Tex., Moulton — ELECTRIC and ICE PLANTS — Texas Central Power Co., c/o Frost Bldg., San Antonio, purchased electric and light plants, and plans altering and enlarging same, here. $50,000. Private plans.

Tex., San Antonio — DAIRY — Metzger Bros., 107 Durango St., plans dairy. $40,000. Engineer and architect selected soon.

Tex., Wichita Falls — COLD STORAGE PLANT — Peoples Ice Co., c/o A. C. Yayzor, mgr., and Commonwealth Utilities Corp., St. Louis, Mo., having plans prepared 4 story cold storage plant. $100,000 or more. Private plans.

Calif., Emeryville — FACTORY — Kirsch Mfg. Co., 4514 Hollis St., Oakland, plans prepared by Eng. Dept. of Owners, at Sturgin, Mich. factory on 126,000 sq.ft. site, 45th and Holden Sts., here.

Calif., Los Angeles — PLANT — Sperry Flour Co., 141 California St., San Francisco, having plans prepared new plant, incl. 120 x 460 ft. warehouse, 90 x 200 ft. feed mill warehouse and 70 x 100 ft. garage, all foregoing 1 story and 3 story, 72 x 100 ft. feed mill, Fruitland and Maywood Aves. Eng. Dept. of Central Mfg. Dist., Inc. engrs. $250,000. Noted May 20.

BRIDGE—OTTAWA, KAN.

Bids were opened by city (lowest four and highest) for constructing bridge over Marais Des Cygnes River on Main St., Contr. No. 2, substructure and erection, except gunite, (A) Kansas City Bridge Co., 510 Orear Leslie Bldg., Kansas City (awarded contract); (B) List & Weatherly Construction Co.; (C) Wickes Engineering & Construction Co.; (D) H. H. Carrothers, Inc.; (E) Fred Luttjohann. Contr. No. 1 for furnishing structural steel let to Bethlehem Steel Co., $29,869; Contr. No. 3 for 4,000 cu.ft. gunite let to Cement Gun Co., Inc., Allentown, Pa., $8,615. The unit bids for Contr. No. 2 are as follows:

	A	B	C	D	E
1,050 cu.yd. substructure concrete	$28.00	$29.50	$26.00	$27.00	$32.00
325 cu.yd. superstructure concrete	24.00	18.25	20.00	22.00	22.00
114,000 lb. reinforcing steel	0.05	0.05½	0.046	0.06	0.06
595,000 lb. structural steel	0.01	0.01½	0.017	0.02	0.03
560 lin.ft. concrete handrail	6.00	3.50	4.00	8.00	7.00
560 lin.ft. brick handrail	4.25	2.50	4.00	8.00	5.00
1,050 sq.yd. brick paving on bridge	3.00	4.00	3.45	3.50	3.50
370 sq.yd. brick paving on approach	4.00	4.00	4.00	4.00	4.00
3,450 sq.ft. sidewalk on approaches	0.25	0.18	0.25	0.26	0.30
200 lin.ft. curbing on approaches	0.80	0.80	0.80	1.00	1.25
60 cu.yd. rubble wall	6.00	3.50	10.00	12.00	4.00
6,700 cu.yd. excavation	0.75	0.70	1.00	0.60	1.00
Temporary bridge (lump sum)	2,000.00	3,750.00	4,500.00	3,500.00	8,400.00
Removal and matchmarking (lump sum)	450.00	1,500.00	975.00	2,500.00	4,000.00
Removal by torch (lump sum)	300.00	750.00	350.00	700.00	3,000.00
Total exclusive alternates 5 and 13	$61,887	$66,927	$67,084	$68,732	$87,220
Total with concrete handrail and removal and matchmarking	65,697	70,387	70,299	75,712	95,140
Total with brick handrail and removal and matchmarking	64,717	69,827	70,299	75,712	94,020
Total with concrete handrail and removal by torch	65,547	69,637	69,674	73,912	94,140
Total with brick handrail and removal by torch	64,567	69,077	69,674	73,912	93,020

Calif., Modesto—PLANT—Modesto Refrigerator Co. (H. L. and W. F. Beard, interested, 912 11th St.), plans pre-cooling plant. $140,000.

Ont., Hamilton — POWER STATION — Dominion Power & Transportation Co., G. E. Waller, mgr., King and Catharine Sts., plans power station. $50,000.

Man., Winnipeg — SUB-STATION — Winnipeg Hydro-Electric Systems, J. G. Glassco, mgr., King St., plans 2 story, 50 x 90 ft., rein.-con., brick and stone, King St. $70,000. Private plans.

Bids Desired

Mass., Brighton (Boston P. O.)—REPAIR and SERVICE GARAGE — Mack Motor Truck Co., 75 North Beacon St., Boston, taking new bids 2 story, 40,000 sq.ft. floor space, brick, addition. $160,000. Former bids rejected. Warren Eng. Co., 50 Terminal St., Charlestown, engrs. Noted May 13.

Mass., Cambridge (Boston P. O.) — REPAIR and SERVICE GARAGE—See "Contracts Awarded."

Mass., Chelsea (br. Boston)—FACTORY —Snow White Laundry Co., 235 3rd St., taking bids 1 and 2 story, 35 x 100 ft., timber, Webster Ave. $40,000. S. S. Eisenberg, 46 Cornhill, Boston, archt.

Mass., Greenfield—MANUFACTURING—Owner, c/o M. R. Dow, archt., 288 Main St., taking bids 3 story, 45 x 75 ft., brick addition. $50,000.

Mass., Somerville (Boston P. O.)—REPAIR and SERVICE GARAGE—Pilgrim Motor Co., Walnut St., taking bids 1 story, 120 x 165 ft., brick, New Northern Artery, Fellsway East. $80,000. E. J. MacDonald, 77 Summer St., Boston, archt. and engr.

Mass., Quincy (Boston P. O.)—REPAIR and SERVICE GARAGE—See "Contracts Awarded."

Mass., Watertown (Ind. br. Boston)—POWER HOUSE—F. B. Gallagher, engr., 276 Stuart St., Boston, taking bids 1 story, brick and concrete addition, also two 1,000 hp. boilers and auxiliaries, super heaters, feed pumps, feed water heaters, stack and high pressure piping, here, for Hood Rubber Co., Nichols Ave.

Mass., Winchester—TANK SHED—J. O. Whitten Co. taking bids 2 story, 25 x 160 ft., brick plant addition. $50,000. J. A. Bigelow, 94 Dudley St., Brookline, archt.

La., Southport (mail New Orleans) — STEEL SHOP—See "Contracts Awarded."

O., Cleveland—LAUNDRY—A. A. Hanke, archt., 2906 Euclid Ave., taking bids and opens same about June 8, 2 story, 62 x 175 ft., brick, steel and concrete, East 55th St., for Modern Laundry Co., J. Bauer, pres., 2020 Woodland Ave. $75,000.

O., Cleveland—SUB-STATION—June 11, by City, H. Wright, dir. Pub. Utilities, City Hall, 1 story, brick, steel and concrete electric sub-station, Western Ave. $40,000. H. Kregelius, 604 City Hall, archt.

Wis., Mt. Horeb—SERVICE STATION—Mount Horeb Hardware Co. taking bids 1 story and basement, 66 x 110 ft., rein.-con., brick and steel, plain foundation, here. $45,000. M. S. Schneider, 401 West Dayton St., Madison, archt.

Wis., Mt. Horeb—SERVICE STATION and SHOP—Mount Horeb Hardware Co. taking bids 1 story and basement, 66 x 110 ft., rein.-con., brick and steel, plain foundation. $45,000. M. P. Schneider, 401 West Dayton St., Madison, archt.

Wis., Platteville—FOUNDRY—See "Contracts Awarded."

Mo., Kansas City—FACTORY—See "Contracts Awarded."

Mo., St. Louis — REFECTORY and LOCKER — June 29, by Bd. Pub. Serv., 208 City Hall, 1 and 2 story, 94 x 230 ft., brick, concrete and stucco, in Forest Park. $125,000. H. E. George, Division Parks & Recreation, archts. Noted Mar. 4.

Tex., Dallas — LAUNDRY and POWER PLANT — See "Buildings—Commercial."

Tex., Ennis—ICE PLANT—See "Contracts Awarded."

Calif., Los Angeles—PLANT—See "Contracts Awarded."

Contracts Awarded

Mass., Cambridge (Boston P. O.)—REPAIR and SERVICE GARAGE—P. Salvi, 31 Cutter Ave., Somerville, will build 1 story, concrete, 929 Massachusetts Ave. $40,000. Work will be done by separate contracts. Private plans.

Mass., Jamaica Plain (Boston P. O.) — REPAIR and SERVICE GARAGE — M. Doyle Co., 44 Perkins St., 1 story, 65 x 75 ft., brick and concrete, Centre St., to J. A. Singarella, 110 High St. Archts. est. $40,000.

Mass., Quincy (Boston P. O.)—REPAIR and SERVICE GARAGE—H. C. Murphy, 56 Franklin St., will build 1 story, 95 x 105 ft., brick and concrete. $40,000. Work will be done by separate contracts. M. T. Dennison, 415 Quincy Shore Dr., archt.

R. I., Pawtucket — TEXTILE MILL — Arbeka Webbing Co., North Main St., 1 story, 70 x 109 ft., 10 x 30 ft. and 10 x 20 ft., brick, North Main St., to H. M. Soule, 110 Brook St. Archts. est. $50,000.

N. Y., Lackawanna—CEMENT PLANT—Federal Portland Cement Co., 1082 Ellicott Sq. Bldg., Buffalo, cement plant, rein.-con. and steel, general foundations for buildings with slurry tanks, etc., to E. P. Muntz, L. V. Terminal Bldg., Buffalo; track work, to H. F. Stimm, Ellicott Sq., Buffalo; and superstructure, to Lackawanna Steel Constr. Co., Walden Ave., Buffalo. Noted May 27.

N. J., Flemington — PLANT — Simplex Universal Joint, Inc., Plainfield, 1 story, 60 x 100 ft. plant, here, to E. T. Haney, Frenchtown, $60,000. Noted Dec. 31.

Pa., Abington—POWER HOUSE, etc.—Abington School Bd., 2 story, basement and sub-basement, 57 x 84 ft., rein.-con. and brick power house and gymnasium, plain foundation, to Stahl & Walton, Willow Grove, $29,698. Noted May 20.

Pa., Fox Chase (Phila. P. O.)—MANUFACTURING—Ballinger Co., archts. and engrs., 12th and Chestnut Sts., Phila., 1 and 2 story, 182 x 193 ft., rein.-con. and brick manufacturing plant and boiler room, plain foundation, Rabin St. and State Rd., here, to Bowden Constr. Co., 1607 Summer St., Phila., for J. J. Nesbitt, Inc., c/o architects. Noted May 27.

Pa., Meadville — FACTORY — Hookless Fastener Co., 2 story, 50 x 200 ft., and 3 story, 60 x 300 ft., rein.-con. and brick factory, to J. Grant & Son, 4500 Euclid

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Buildings—Industrial (Continued)

Ave., Cleveland, O. Archts. est. $300,000. Noted May 27.

Pa., Phila.—FACTORY—Keystone Auto Top & Body Co., 1420 Fairmount Ave., 2 story and basement, 60 x 140 ft., rein.-con., brick and steel, plain foundation, 2325-31 Fairmount Ave., to S. S. Lear, 840 Jackson St. Archts. est. $50,000.

Pa., Phila.—PRESS SHOP—Edward G. Budd Mfg. Co., 25th St. and Hunting Park Ave., 1 story, 72 x 143 ft., rein.-con., brick and steel, plain foundation, to Wark Co., 1600 Walnut St.

Pa., Phila.—DYE HOUSE—Managunk Plush Co., 109 Levering St., 1 story, 54 x 257 ft., dye house, finishing and power plant, rein.-con. and brick, plain foundation, Umbria and Lemonte Sts., to C. M. Swartley & Son, 6835 Ridge Ave.

Pa., Phila.—FACTORY—J. M. Driver, Inc., 1644 North 55th St., 1 and 2 story, 60 x 275 ft., rein.-con., brick and steel, plain foundation, 57th and Lancaster Sts., to R. P. Whitty, Union Trust Bldg., Wash., D. C. Archts. est. $60,000.

La., Southport (mail New Orleans) — STEEL SHOP—C. C. Elmer Taak & Boiler Wks., Inc., 700 South Alexander St., New Orleans, will build 110 x 200 ft. steel shop, here, by day labor.

O., Cleveland—SUB-STATION—Cleveland Electric Illuminating Co., E. J. Cook, engr. of constr., Illuminating Bldg., 2 story, 55 x 59 ft., brick, steel and concrete, 1921 Walton Ave., to S. W. Emerson Co., 1836 Euclid Ave. Archts. est. $75,000.

Ill., Burnside—INSPECTION SHOPS—Illinois Central R.R. Co., 135 East 11th Pl., A. F. Blaess, ch. engr., superstructures, of 90 x 440 ft. inspection shop, 50 ft. high, and 75 x 440 ft. repair shop, 40 ft. high, rein.-con., to J. E. Nelson & Sons, 3240 South Michigan Blvd. Engrs. est. $270,000.

Ill., Chicago—PLANT—Graham, Anderson, Probst & White, archts., 80 East Jackson Blvd., 2nd Section Crawford Ave. power plant, 1 story, 180 x 213 ft., incl. boiler room, turbine room, etc., to Bates & Rogers Constr. Co., 37 West Van Buren St., for Commonwealth Edison Co., 72 West Adams St. $2,000,000. Noted May 13.

Ill., Villa Park—FACTORY—Wander Co., 4 story, 125 ft. long, with three 55 x 150 ft. wings, fireproof addition, to W. Youngberg, Elmhurst. Archts. est. $200,000.

Wis., Platteville—FOUNDRY—Russell Fdry. Co., F. Russell, pres., will build 1 story and basement, 20 x 50 ft., and 40 x 110 ft., rein.-con., brick and steel machine and repair shop, here, by day labor. $40,000. H. Kleinhammer, Platteville, archt. Noted May 20.

Mo., Kansas City—FACTORY—U. S. Register Co., 350 West 5th St., will build 3 story and basement, 82 x 100 ft., brick factory and office, 5th St. and Bway., by day labor. $55,000. Private plans.

Tex., Denison—PAPER PLANT—Denison Herald Publishing Co., c/o J. L. Greer, mgr., 2 story, 50 x 110 ft., brick, stone and rein.-con., Woodward St. and Burnett Ave., to L. H. Lacy Co., 2632 Swiss Ave., Dallas, $45,000, cost plus percentage basis. Noted Mar. 18.

Tex., Ennis—ICE PLANT—Ennice Ice Co., c/o J. X. Newcomb, mgr., will build brick ice plant, by day labor. $40,000. Private plans.

Tex., Ft. Worth—PETROLEUM BUILDING—R. O. Dulaney, 1st Natl. Bank Bldg., 12 story (ultimately 20 story) and basement, 50 x 95 ft., brick, stone and rein.-con., 6th and Throckmorton Sts., to H. B. Friedman, 402 1st Natl. Bank Bldg. $500,000 cost plus percentage basis. Noted June 3.

Tex., San Antonio—CANDY FACTORY—G. A. Duerler Mfg. Co., 218 West Commerce St., 6 story and basement, 140 x 160 ft., rein.-con. and brick, plain foundation, Camp St. near Southern Pacific R.R. tracks, to E. Oeffinger, c/o Builders Exch. Bldg., $153,000. Noted May 13.

Calif., Los Angeles — PUBLISHING PLANT — Southwest Lithograph Co., 329 East 4th St., will build 1 story and basement, 100 x 125 ft. publishing plant, Mission Rd., by day labor under segregated contract system.

Calif., Oakland — FACTORY — Black & Decker Mfg. Co., 75 Fremont St., San Francisco, 1 story, rein.-con., East 10th St., to F. R. Siegrist, 693 Mission St., San Francisco. $36,577. Noted May 20.

Calif., San Francisco—LAUNDRY—J. B. Mon Co., 1714 Broderick St., 3 story and basement, brick and concrete, steel frame, California St., to Larsen Co., 68 Post St., $40,250.

Ontario—SUB-STATION—Hydro. Comm., Ft. William hydro-sub-station distributing power from Cameron Falls to Ft. William, to McCaw & McDonald, Winnipeg, Man., $42,800.

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Buildings—Educational, Religious

Proposed Work

Mass., Belmont (br. Boston)—SCHOOL and TOWER—Belmont Methodist Episcopal Church, D. J. Ilmer, pastor, 71 Trapelo Rd., having plans prepared by Woodbury & Stuart, 581 Boylston St., Boston, 3 story and basement, brick and steel Sunday school and church tower. $180,000.

Mass., Boston—ART SCHOOL—Museum of Fine Arts having preliminary plans prepared by G. Lowell, 12 West St., 3 story and basement, 70 x 100 ft., brick and stone, Evans Way. To exceed $150,000.

Mass., Dartmouth — HIGH SCHOOL — Town, School Com., having sketches made by Brown & Poole, 668 Pleasant St., New Bedford, 2 story and basement, brick and stone high school. To exceed $150,000.

Mass., Framingham—CHURCH—Grace Congregational Church, T. B. Lathrop, pastor, soon takes bids brick, stone and granite Pearl St. and Union Ave. $200,000. Newton & Wambolt, 6 Beacon St., Boston, archts.

Mass., Jamaica Plain (Boston P. O.)—CHURCH—Our Lady of Lourdes Roman Catholic Parish, J. F. Kelley, pastor, 46 Brookside Ave., raising $150,000 funds, 1 story and basement, brick, Montebello Rd. and Marmion St. Engineer and architect not selected.

Mass., Melrose (Ind. br. Boston)—HIGH SCHOOL—City, School Comn., plans Junior High School, brick and stone. $600,000. Engineer and architect not selected.

Mass., Middletown — SCHOOL — Town, School Com., having sketches made by Dow, Harlow & Kimball, 184 Boylston St., Boston, 2 story and basement, brick school. $150,000.

Mass., Quincy (Boston P. O.)—NURSES HOME—City, P. E. Barbour, mayor, having plans prepared by McLaughlin & Burr, 88 Tremont St., Boston, brick and stone nurses home. $150,000.

Mass., Walpole—HIGH SCHOOL—Town, J. S. Leach, chn. com., had revised plans prepared by R. H. Stowell, 184 Boylston St., Boston, altering and constructing 2 story and basement, 99 x 125 ft., and 60 x 80 ft., brick, granite and limestone addition, plain foundation, Common St. $325,000. Former bids rejected. Noted Mar. 18.

Mass., West Roxbury (Boston P. O.)—SCHOOL—City, Schoolhouse Dept., Boston, plans 2 story and basement, brick, Pershing Rd., here. $150,000. Engineer and architect not selected.

Conn., Hartford—SCHOOL—St. Augustine's Parish, M. W. Barry, pastor, having plans prepared by Whiton & McMahon, 805 Main St., 2 story and basement, 60 x 128 ft., brick and steel, Clifford St. and Maple Ave. $150,000.

N. Y., Brooklyn—CHURCH and PARISH HOUSE — English Lutheran Church, 34 Lenox Rd., having plans prepared by E. B. Goodhue, engr. and archt., 2 West 47th St., New York City, brick, steel and stone, plain foundation, Ditmars Ave. $250,000.

N. Y., Brooklyn—COMMUNITY CENTER—Jewish Center of Bensonhurst, H. Neaderman, pres., c/o Malkind & Weinstein, engrs. and archts., 105 Court St., having plans prepared 3 story, brick, steel and stone, plain foundation, Bay Parkway and 78th St. $375,000.

N. Y., Little Neck (mail Douglaston)—SCHOOL—Bd. Educ., 500 Park Ave., New York City, having plans prepared by W. H. Gompert, engr. and archt., Flatbush Ave. extension and Concord St., Brooklyn, P. S. 94, brick, steel and stone, plain foundation, Old House Land Rd., here. $150,000.

N. Y., Locust Valley—SCHOOL—Bd. Educ. had plans prepared by Coffin & Coffin, engrs. and archts., 522 5th Ave., New York City, brick, steel and stone, plain foundation, here. $275,000. Noted Feb. 25.

N. Y., New York—COLLEGE—New York University, 32 Waverly Pl., soon takes bids 15 story, brick, steel and stone, plain foundation, Washington Sq. $3,000,000. McKim, Mead & White, 101 Park Ave., archts. Noted Aug. 7.

N. Y., New York—PARISH HOUSE—St. Bartholomews Episcopal Church, 107 East 50th St., soon takes bids 6 story, brick, steel and stone, plain foundation, 51st St. and Park Ave. B. Goodhue, 2 West 47th St., engr. and archt.

N. Y., Tompkinsville (sta. Staten Island)—NURSES HOME—Staten Island Hospital, Castleton Ave., soon takes bids brick, steel and stone, plain foundation, Castleton Ave. $200,000. Delano & Aldrich, 126 East 38th St., New York City, engrs. and archts. Noted Jan. 28.

N. J., Jersey City—SCHOOL—Bd. Educ. received no bids June 2, constructing P. S. 22, 2 story, Van Horne and Maple Sts., $200,000. J. T. Rowland, 100 Sip St., archt. Noted May 27.

N. J., North Wildwood (mail Anglesea)—GYMNASIUM, etc. — Bd. Educ. having plans prepared by H. R. Stackhouse & W. W. Donohoe, 1120 Locust St., Phila., Pa., 2 story and basement, 72 x 154 ft., brick and steel gymnasium and auditorium addition to high school.

Pa., Erie—CHURCH—Sarah Hearn Memorial Presbyterian Church, c/o C. S. Beatty, pastor, having plans prepared by Corbusier, Lenski & Foster, B. F. Jacobs Bldg., Cleveland, O., 1 story, brick church. $150,000.

Md., Baltimore — COLLEGE — Johns Hopkins University, Charles St., having plans prepared by B. Turnbull, 328 North Charles St., 2 story, students activities building, brick and stone, Charles St. $150,000.

D. C., Wash.—HIGH SCHOOLS—Post Comrs., Dist Bldg., having plans prepared by A. L. Harris, municipal archt., Business High School, 13th and Upshur Sts. N. W. Allison, Ia.; also for Junior High School and Assembly Hall, 35th St. and Wisconsin Ave. N. W., $475,000.

Fla., Miami — CHURCH — First Baptist Church having preliminary plans prepared by Daugherty & Gardner, Nashville, Tenn., church. $600,000.

Miss., Columbus — DORMITORY, etc. — Mississippi State College for Women, having plans prepared by P. J. Krouse, Meridian, dormitory, dining hall, chapel, laundry and physical educational building $600,000.

La., Homer—HIGH SCHOOL—Bd. Educ. soon takes bids 2 story and basement, rein.-con., brick and stone high school $225,000. E. F. Neild, City Natl. Bank Bldg., Shreveport, archt. Noted May 6.

La., Minden—CHURCH—Methodist Congregation, c/o L. I. Cain, pastor, plans church, here. $150,000. Engineer and architect not selected.

O., Cleveland—STUDIO HALL—Syndicate, c/o H. O. Maxwell, doctor, 109 Colonial Arcade, having plans prepared by F. W. Bail, Hanna Bldg., 4 story and basement, brick, steel and concrete, Euclid Ave. $750,000.

Mich., Detroit — ACADEMY — Sacred Heart Academy, c/o Maginnis & Walsh, 200 Boylston St., Boston, Mass., having preliminary plans prepared academy at Goose Point. To exceed $150,000.

Mich., Detroit—CHURCH—Lane, Davenport & Peterson, archts., 1017 Charlevoix Bldg., take bids about June 15, 2 story and basement, 60 x 130 ft., and 60 x 125 ft., brick, steel and stone, Mack Ave., for Baptist Bethel Church. $200,000.

Mich., Detroit — SCHOOLS — Bd. Educ., 1354 Bway. Ave. having plans prepared by Malcolmson & Higginbotham, 1217 Griswold St., 640 seating capacity, Greenfield Park, $208,185, McColl, Snyder & McLean, 2348 Penobscot Bldg., engrs., and by McGrath, Dohmen & Page, 2231 Park Ave., 700 seating capacity, McCutlock site, $236,950, VanTuyl, Heartt & Barron, Union Trust Bldg., engrs., both 2 story and basement.

Mich., Sault Ste. Marie — SCHOOLS — Voted $190,000 bonds, 3 story and basement, 65 x 138 ft., and 1 story, 67 x 120 ft. Junior High and Manual Training Schools, rein.-con. and brick, plain foundations, for Bd. Educ., G. P. Ritchie, pres. J. D. Chubb, 109 North Dearborn St., Chicago, Ill., archt. Noted May 27.

Illinois—HIGH SCHOOL—La Salle-Peru Twp. High School Bd., T. J. McCormack, supt., takes bids about July 1, 3 story, 65 x 200 ft. and 40 x 60 ft., rein.-con., brick and stone, Charles St. between 5th and 6th Sts., in La Salle and Peru. $400,000. Childs & Smith, 720 North Michigan Ave., Chicago, archts. Noted Mar. 18.

Ill., Chicago—ELECTRICAL SCHOOL—A. S. Alschuler, archt., 38 East Jackson Blvd., takes bids after June 7, 5 story, 95 x 120 ft., rein.-con., brick and terra cotta, 1701-1709 West Congress St., for Coyne Electrical School, 1300 West Harrison St. $300,000. This corrects report in June 3 issue.

Ill., Chicago—SYNAGOGUE and COMMUNITY CENTER—Temple Sholom Congregation, c/o Loebl & Schlossman, archts., 604 North Michigan Ave., having plans prepared 138 ft. high, 2,500 seating capacity, on 200 x 214 x 217 ft. site, Sheridan Rd. between Stratford Pl. and Cornelia Ave. $1,600,000.

N. D., Fargo—SCHOOL—Election June 30, $225,000 bonds, 2 story and basement, rein.-con. and brick addition, for Bd. Educ. Engineer and architect not announced.

Buildings—Educational, Religious (Cont.)

Mo., Sedalia—SCHOOL—Defeated $300,000 bonds, remodeling and repairing school, for Bd. Educ. Noted May 13.

Tex., Dallas — HIGH SCHOOL — N. R. Crozier, Bd. Educ. Bldg., having plans prepared by Dewitt & Simmon, Southwestern Life Bldg., 3 story and part basement, 225 x 244 ft., rein.-con. and brick, plain foundation. Reiger St. $550,000. R. O. Jamison, Southwestern Life Bldg., engr.

Tex., Houston — TABERNACLE—Houston Evangelistic Temple c/o E. G. Gerhard, asst. pastor, 16 Waugh Dr., having plans prepared by Brickey, Wiggins & Brickey, State Natl. Bank Bldg., 2 story, 118 x 121 ft., brick, stone, and terra cotta, Lamar and Chenevert Sts. $160,000.

Tex., McAllen — HIGH SCHOOL — Bd. Educ. plans election soon $385,000 bonds, new high school. R. H. Cameron, c/o City Natl. Bank Bldg., San Antonio, archt.

Calif., Campbell — HIGH SCHOOL — Campbell Union High School Dist., having preliminary plans prepared by W. H. Weeks, 369 Pine St., San Francisco, group fireproof high school buildings. $250,000.

Calif., Fullerton—HIGH SCHOOL—Brea-Olinda Union High School Dist. having plans prepared by Kistner & Co., Detwiler Bldg., Los Angeles, fireproof high school. $250,000 or more. Noted Oct. 29.

Calif., Glendale—CHURCH—First Methodist Episcopal Church, having preliminary plans prepared by A. G. Lindley, Amer. Bank Bldg., Los Angeles, rein.-con., Kenwood Ave. To exceed $250,000.

Calif., Los Angeles—SCHOOL—Wilshire Blvd. Congregational Church, Wilshire and Plymouth Blvds., having preliminary plans prepared by Allison & Allison, Hibernian Bldg., 2 story and basement, probably rein.-con., Wilshire and Plymouth Blvds.

Calif., Monrovia — SCHOOL — Monrovia Grammar School Dist. plans new election $150,000 bonds, grammar school.

Bids Desired

Me., Rangeley—HIGH SCHOOL—Town, Superintendent Schools, taking bids 2 story and basement, brick and stone high school. $150,000. Bunker & Savage, Augusta Trust Bldg., Augusta, archts.

Mass., Cambridge (Boston P. O.) — DORMITORY—Harvard University taking bids 4 story and basement, brick and stone medical dormitory, Longwood and Pasteur Aves. $1,500,000. Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, archts.

Mass., Concord — NURSES HOME — Emerson Hospital, c/o Derby & Robinson, archts., 5 Joy St., Boston, taking bids 2 story and basement, brick, plain foundation, here. $150,000. Noted Dec. 17.

Mass., Lynn — CHURCH — St. Stephens Episcopal Church, J. E. Morse, chn. com., taking bids 1 story and basement, brick, plain foundation, Easter Ave. and Wait St. $150,000. Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, archts.

Mass., Quincy (Boston P. O.)—CHURCH —Atlantic Methodist Episcopal Church, G. V. Shedds, pastor, taking bids 1 story, basement, and ell, granite and stucco, East Squantum and Hancock Sts. $150,000. Woodbury & Stuart, 581 Boylston St., Boston, archts. Noted Oct. 29.

Mass., Revere (br. Boston)—CHAPEL—Immaculate Conception Church, T. J. Holland, pastor, taking bids 1 story and basement, brick and stone, Ford and Revere Sts. $150,000. M. Sullivan, 100 Boylston St., Boston, archt.

Mass., South Boston (sta. Boston) — CONVENT — Gate of Heaven Church, A. Lyons, pastor, taking new bids on revised plans 3 story and basement, brick and stone convent. $150,000. Former bids rejected. Maginnis & Walsh, 100 Boylston St., Boston, archts. Noted May 13.

Mass., Watertown (Ind. br. Boston) — LIBRARY—Town, C. F. Snow, chn. building com., taking bids 2 story and basement, brick and stone, East End. $150,000. J. D. Leland & Co., 41 Mt. Vernon St., Boston, archts.

R. I., Providence—ATHLETIC—Brown University, taking bids 3 story and basement, 125 x 145 ft., rein.-con. and brick, Elm Grove Ave. To exceed $150,000. Clarke & Howe, Turks Head Bldg., archts.

R. I., Woonsocket—CHURCH—St. John the Baptist Church, c/o W. F. Fountaine, archt., 285 Main St., taking bids 1 story and basement, brick and stone, Main St. $150,000 or more.

Conn., Hartford — SYNAGOGUE — Emanuel Synagogue, M. Silverman, rabbi, taking bids 2 story, 85 x 165 ft., brick and stone, Greenfield and Woodland Sts. $250,000. Ebbets & Fried, 15 Lewis St., archts. Noted Mar. 4.

N. Y., Newburgh—HIGH SCHOOL—July 1, by Bd. Educ., brick, steel and stone, plain foundation. $460,000. A. F. Gilbert, 358 5th Ave., New York City, engr. and archt. Noted May 27.

N. Y., Wanakena—SCHOOL—June 29, by J. R. Clancy, vice-pres. Bd. Trustees State College Forestry, Syracuse University, Syracuse, constructing, etc. building at Ranger School, here.

Pa., Phila. — CHURCH and SUNDAY SCHOOL—June 14, by Thomas, Martin & Kirkpatrick, archts., 220 South 16th St., 2 story and basement, 72 x 103 ft., and 82 x 110 ft., rein.-con., brick, stone and steel, plain foundation, Ridge Ave. and Hermitage St., for Levering Presbyterian Church, H. B. Burgess, 4423 Mitchell St., pastor.

Pa., Scranton—CHURCH and SUNDAY SCHOOL—June 14, by St. Peters Lutheran Church, Taylor and Ash Sts., 1 story, gallery and basement, 125 x 138 ft., rein.-con., brick and steel, plain foundation. Richer & Eiler, 147 North 5th St., Reading, archts.

W. Va., Morgantown—PHYSICAL and EDUCATIONAL—July 2, by State Bd. Control, Charleston, 4 story, 58 x 114 ft., rein.-con., brick, steel, and terra cotta, on campus, here, for West Virginia University. $225,000. Davis, Dunlap & Barney, 1805 Walnut St., Phila., Pa., archts.

O., Cincinnati—SCHOOL—June 28, by Bd. Educ., 3 story and basement, brick and rein.-con., plain foundation, Observatory St. $160,000. Tietig & Lee, 34 West 6th St., archts.

Ind., Ft. Wayne — CHURCH — First Christ Scientist Church, E. D. Spahr, building comr., 824 Clinton St., taking bids brick church. $200,000. H. Cheney, 80 East Jackson Ave., Chicago, Ill., archt.

Ind., Indianapolis—CHURCH—Woodruff Pl. Baptist Church, L. C. Trent, pastor, 411 North Arsenal Ave., taking bids brick, steel and rein.-con., Walcott and East Michigan Sts. $150,000. F. S. Cannon, 21 Virginia Ave., archt.

Mich., Alma—SCHOOLS—June 18, by J. S. Knoertzer, secy. Bd. Educ., 2 story and basement, 63 x 84 ft. grade school, and 3 story and basement, 65 x 180 ft. high school addition, both rein.-con., brick and steel in Dist. 1. Warren Holmes-Powers Co., Lussing Bldg., Lansing, archts.

Ill., Chicago—SCHOOL—June 29, at office Bd. Educ., 650 South Clark St., J. E. Byrnes, bus. mgr., Luke O'Toole School, 2 story and basement, 72 x 386 ft., brick and stone, West 66th St. and South Seeley Ave. J. C. Christensen, 650 South Clark St., archt.

Ia., Clinton — CHURCH — June 17, by Cooldige & Hodgdon, archts., 134 South La Salle St., Chicago, Ill., 2 story and basement, rein.-con. and stone, plain foundation, 4th Ave. and 5th St., here, for 1st Presbyterian Church. $200,000.

Tex., Dallas—HOME—J. E. Overbeck, archt., Wilson Bldg., taking bids home, incl. 2 story, 49 x 122 ft., H shaped administration building, girls building, laundry, chapel and power plant, Ft. Worth Pike west of Wheatland Rd., for Home of Our Lady of Charity, c/o Mother Clement.

Wash., Seattle—SCHOOL—June 16, by F. A. Naramore, archt., Central Bldg., 3 story, 219 x 296 ft., rein.-con., brick, cast stone, and steel, East 68th Ave. and Ravenna Blvd., for School Dist. 1. $450,000. Noted Mar. 4.

Wis., Superior—CATHEDRAL—June 15, by J. J. Pinten, bishop Diocese of Superior, 1 story and basement, 80 x 200 ft., rein.-con., plain foundation. $250,000. L. Preuss, archt., and Widmer Eng. Co., engrs., both 612 Laclede Gas Bldg., St. Louis, Mo. Noted May 20.

Bids Received

Mass., Allston (sta. Boston)—SCHOOL—City, Schoolhouse Dept., Boston, 1 story and basement, 85 x 100 ft., brick and stone, Brainerd Rd., from J. P. Foley & Sons, 80 Boylston St., Boston, $99,600. Noted May 27.

La., Gretna — SCHOOLS — Jefferson Parish School Bd., May 25, constructing Ward 8 and Ward 7 Schools, from L. J. Woodworth, 337 Baronne St., New Orleans, $38,134 and $24,105, respectively; Hananan School, from Tudor & Roland, Alexandria, $79,900; Ames School, from Geary-Oakes Co., Inc., Title Guarantee Bldg., New Orleans, $37,395; and Negro school, from M. M. Pitre, Marrero, $22,824. Noted May 20.

O., Chillicothe — HIGH SCHOOL — Bd. Educ., May 24, 2 story and basement, brick, stone and concrete high school, from Chappaleai-Gardner Co., Portsmouth, $219,400. Noted Jan. 7.

O., Cleveland — SCHOOLS — Bd. Educ., F. G. Hogen, dir., East 6th St. and Rockwell Ave., May 24, three 2 story and basement, 120 x 220 ft., brick, steel and concrete grade schools, one at East 131st St. and Benham Ave., from Schirmer-O'Hara Co., 1720 Euclid Ave., $346,065; one at East 185th St., and other at West 54th St. and Ira Ave., from M. B. Parker Constr. Co., 1836 Euclid Ave., $339,539 and $341,536 respectively. Noted May 20.

Calif., Oakland—HIGH SCHOOL—Bd. Educ., May 25, general contract Woodrow Wilson Junior High School addition, 1 story, steel and concrete, from Lawton & Vezey, 354 Hobart St., $212,853. Noted May 6.

Calif., San Leandro — SCHOOLS — San Leandro School Dist., May 27, general contract 2 story, rein.-con. additions to McKinley and Washington Schools, from J. L. McLaughlin, 251 Kearny St., San Francisco, $135,800. Noted May 20.

Contracts Awarded

Vt., St. Johnsbury—ADMINISTRATION, etc.—St. Johnsbury Academy, 3 story and basement, 60 x 75 ft., brick and stone administration, office, library, hall and class rooms, to C. M. Dwinell, Orleans. Archts. est. to exceed $150,000.

R. I., Cranston (mail Providence) — SCHOOL — City, 2 story and basement, brick and stone, Curtis St., to Pierce & Gartz, Inc., Wilcox Bldg., Providence. Archts. est. $150,000.

Mass., Springfield — HIGH SCHOOL — City, Dept. Pub. Buildings, 2 story and basement, brick and stone, Washington St., to E. J. Pinney, Inc., 220 Dwight St. Archts. est. $150,000 or more.

Mass., Williamstown — HALL—Williams College, 3 story and basement, brick addition to Lawrence Hall, to Casper-Ranger Constr. Co., Holyoke. Archts. est. $150,000.

N. Y., Brooklyn — AUDITORIUM — Church of St. Theresa, c/o R. J. Reilly, engr. and archt., 12 East 41st St., New York City, brick, steel and stone, plain foundation, St. Johns Pl., to H. Veit, 26 DeVoe St., Brooklyn. Archts. est. $200,000.

N. Y., Brooklyn — SCHOOL — Bd. Educ., 500 Park Ave., New York City, P. S. 203, Ave. M, from East 51st to 52nd Sts., here, to G. F. Driscoll Co., 548 Union Ave., $334,850. Noted June 3.

N. Y., Greenwich—SCHOOL—Bd. Educ., rein.-con. and brick, plain foundation, Main St., to Duplex Constr. Co., Glens Falls. Archts. est. $225,000. Noted May 13.

N. Y., Hempstead—SCHOOL—Church of Our Lady of Loretta, R. E. Boyle, pastor, brick, steel and stone, plain foundation, Greenwich St., here, to H. A. Harris & Co., Inc., 16 East 43rd St., New York City. Archts. est. $200,000. Noted Apr. 1.

N. Y., Jamaica — MONASTERY — Passionist Fathers Monastery, M. Mayer, 381 West St., Hoboken, N. J., 4 story, brick, steel and stone, plain foundation, Pine Ave., to W. H. Fissell & Co., 1328 Bway., New York City. Archts. est. $250,000.

N. Y., Maspeth (Ind. sta. Flushing)—SCHOOL—Bd. Educ., 500 Park Ave., New York City, general contract P. S. 73, 54th Ave. and 71st St., here, to Hamilton & Chambers, 29 Bway., New York City, $339,700; plumbing, to G. M. O'Connor, 152 Fulton Ave., Astoria, $28,300; and heating, to D. J. Rice, Inc., 606 1st Ave., New York City, $49,279. Grand total $417,279. Noted May 27.

N. Y., New York—LIBRARY—Hispanic Society of America, 155th St. and Bway., brick, steel and stone, plain foundation, 620 West 156th St., to M. Eidlitz & Son, Inc., 41 West 42nd St. Archts. est. $150,000.

N. Y., New York—SCHOOL—Bd. Educ., 500 Park Ave., general contract P. S. 101, East 111th St., to Kenny Bros., Inc., Old Bway., $419,770; heating, to Heat Control Serv. Co., 759 Park Pl., $49,339. Noted May 20.

N. Y., Springfield—SCHOOL—Bd. Educ., 500 Park Ave., New York City, general contract P. S. 52, New York Blvd. from Comfort to Grand Ave., to Willets Constr. Co., 280 Madison Ave., New York City, $370,000; plumbing, to J. A. Graf, 111 Putnam Ave., Brooklyn, $25,631; and heating, to D. J. Rice, Inc., 606 1st Ave., New York City, $49,713. Grand total $445,344. Noted May 27.

N. J., Irvington (br. Newark)—SCHOOL—Bd. Educ., school, Mt. Vernon Ave., to Fatzler Co., Irvington, $219,450. Noted May 20.

N. J., Red Bank—SCHOOL—St. James Roman Catholic Church, general contract 3 story, 55 x 142 ft., brick, Broad St., to W. J. Meagher, 211 Market St., Perth Amboy, $147,578. Noted Mar. 25.

Pa., Columbia—CHURCH—Holy Trinity Roman Catholic Church, P. G. Bruggerman, pastor, 1 story and basement, 75 x 195 ft., rein.-con., steel and stone, to Hess Bros., York. Archts. est. $200,000.

O., Akron — JEWISH CENTER and TEMPLE—Jewish Center Co., 1 story, 68 x 115 ft., and 52 x 113 ft., brick, steel and concrete, to O. Weinstein, 973 Hereford Dr. Archts. est. $150,000. Noted Mar. 11.

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Buildings—Educational, Religious (Cont.)

Ill., Chicago—SCHOOL—Bd. Educ., 650 South Clark St., general contract Ernst Prussing School, 2 story and basement, 72 x 386 ft., brick, stone and terra cotta, North Menard Ave. and Slocum St., to Simpson Constr. Co., 133 West Washington St., $299,000. Noted Apr. 1.

Ill., Hillside — SEMINARY — Servite Fathers Monastery, masonry and concrete contract 3 story and basement, 190 x 225 ft., rein.-con. and brick, plain foundation, to Schuetz Constr. Co., 3640 Kilbourn Ave., Chicago. Archts. est. $350,000.

Mo., Kansas City—SCHOOL—Bd. Educ., general contract 2 story and basement, 80 x 180 ft., rein.-con., brick and terra cotta, 38th and Jackson Sts., to B. L. Elmer, 1004 West 33rd St., $186,368. Archts. est. $300,000.

N. D., Grand Forks — SCHOOLS — Bd. Educ., W. P. Rognlie, clk., general contract 2 and 3 story, rein.-con. and brick school additions, here, to Northern Constr. Co., Grand Forks, $209,500. Noted Mar. 18.

Calif., Alhambra — CHURCH and SCHOOL — First Presbyterian Church, rein.-con., Commonwealth Ave., to Wescott Co., 710 South Garfield Ave., approximately $200,000. Noted Apr. 22.

Calif., Burlingame—CHURCH—St. Pauls Episcopal Church, (1st unit) rein.-con., Occidental Ave., to J. Dunn, 519 California St., San Francisco, $75,000.

Ont., Belleville — SCHOOL — Albert College, general contract 2 story and basement, rein.-con., brick and steel, plain foundation, to Dickie Constr. Co., 17 Yorkville Ave., Toronto. Archts. est. $150,000.

Ont., Newmarket—SCHOOL—Bd. Educ., general contract 2 story and basement, 8 room, rein.-con., brick and steel addition, plain foundation, Prospect Ave., to Avery Shipp Constr. Co., 195 Quebec Ave., Toronto. Archts. est. $150,000. Noted May 20.

Ont., Niagara Falls—COLLEGE—Mount Carmel College, stone and steel addition, to Pigott Healy Constr. Co., 36 James St. S., Hamilton. Archts. est. $500,000.

Ont., Toronto—CHURCH—H. F. Brown, archt., 2 Bloor St. E., 1 and 2 story and basement, 60 x 100 ft., rein.-con., brick and steel, plain foundation, Park Rd., masonry work, to A. Venn & Sons, 64 Palmerston Sq., carpentry, to S. R. Hughes, 79 Portland St.; and plumbing and heating, to Benett & Wright, 72 Queen St. E., for Central Baptist Church, Castle Memorial Hall. Archts. est. $160,000. Noted Mar. 4.

Ont., Windsor — CHURCH — Lady of Prompt Succor Parish, c/o Pennington & Boyde, archts., Bartlett Bldg., general contract church, to B. Blonde, 14 Cornhill St., Chatham. Archts. est. $150,000.

Alta., Edmonton — COLLEGE — Alberta Catholic College, c/o A. Alfred, pastor, 843 Tegler Bldg., general contract rein.-con., brick and steel college, University campus, to H. G. McDonald Co., Edmonton. Archts. est. $200,000.

Federal Government Work

Proposed Work

Mass., Boston — Improvements — Bureau Yards & Docks, Navy Dept., Wash., D. C., plans water front improvements at Navy Yard, here. $150,000.

Md., Annapolis—Mains, etc.—Spec. 5203—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids May 12, underground and subaqueous mains, at U. S. Naval Academy, here. Noted May 20.

Wis., Portage—Canal—U. S. Engineer Office, Navy Bldg., Wash., D. C., plans concrete lock on Portage Canal, to replace timber structure recently damaged by flood.

Missouri—Current Retards, etc.—U. S. Engineer Office, 702 Postal Bldg., Kansas City, making plans current retards and revetment in Missouri River, at Baker Bend, $49,500 and $220,000 respectively; dredging, etc., at Rockport Beach $58,750, at Jackson Bend $125,500, and at Searcy Bend $42,500. C. Gee, 702 Postal Bldg., dist. engr.

Missouri and Minnesota—Towboats and Barges—Inland Waterways Corp., Wash., D. C., soon takes bids 3 towboats and 5 steel barges for Upper Mississippi River Service between St. Louis, Mo., and St. Paul, Minn. $750,000.

Bids Desired

N. Y., Northport—Hospital—July 27, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., constructing hospital group, incl. administration, infirmary, dining hall, 6 continued treatment buildings, nurses and attendants quarters, boiler house and laundry, officers quarters, etc., here. Noted Apr. 1.

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N. Y., Rome—Extension—June 25, by Treas. Dept. at office Supervising Archt., Wash., D. C., extensions to U. S. Post Office, here.

N. Y., St. George—Acetylene Flashers—June 23, by Superintendent Lighthouses, 100 acetylene flashers or automatic devices to control flow of acetylene lights, etc., on buoys and beacons.

N. J., Lakehurst—Water Tank—Spec. 5215—June 16, by Bureau Yards & Docks, Navy Dept., Wash., D. C., elevated steel water tank, at Naval Air Station, here. Noted June 3.

N. J., Newark—Rock Removal—July 12, by U. S. Engineer Office, 2nd Dist. Army Bldg., New York City, removing rock and overburden in Newark Bay, here; adv. E. N.-R. June 10.

Md., Cumberland—July 1, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here.

D. C., Wash.—Engines—July 1, at office A. L. Flint, genl. purch. officer Panama Canal, diesel engines, etc.; adv. E. N.-R. June 10.

D. C., Wash.—Public Buildings—U. S. Congress authorizes $50,000,000 expenditure in District of Columbia, and $15,000,000 outside District of Columbia.

Va., Norfolk — Plumbing — June 22, by Bureau Yards & Docks, Navy Dept., Wash., D. C., plumbing alterations at Marine Barracks, here.

Va., Norfolk—Road—Spec. 5221—June 16, by Bureau Yards & Docks, Navy Dept., Wash., D. C., road at U. S. Naval Hospital, here. Noted June 3.

W. Va., Morgantown—Remodeling—June 21, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here.

S. C., Charleston—Pier—July 1 (extended date), by U. S. Engineer Office, extending north Customhouse pier, about 210 ft.; adv. E. N.-R. June 10. Noted May 6.

Tenn., Memphis—Hull—July 9, by Mississippi River Comn., 1st and 2nd Dists., McCall Bldg., steel hull for concrete mixing plant; adv. E. N.-R. June 10.

O., Hamilton—Lookouts, etc.—June 28, by Treas. Dept., at office Supervising Archt., Wash., D. C., changing lookouts, driveway, etc., here; adv. E. N.-R. June 10.

Mich., Ann Arbor—Post Office—June 22, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here.

Ill., Streator—Boilers, etc.—June 23, by Treas. Dept. at office Supervising Archt., Wash., D. C., removing present boiler, etc., and installing portable, smokeless fire box heating boiler, smokestack, etc., at U. S. Post Office, here; adv. E. N.-R. June 10.

Nebraska-Wyoming—Tailrace, etc.—July 12, at office Bureau Reclamation, Mitchel, Neb., E. Mead, comr., constructing tailrace, penstock, surge tank, building and foundation, etc., for Guernsey Power Plant, North Platte Project; adv. E. N.-R. June 10.

Mo., Kansas City—Revetment—June 30, by U. S. Engineer Office, 707 Postal Telegraph Bldg., approximately 10,040 ft. bank revetment at Bon Homme Bend, Missouri River.

Mo., Matson—Dikes—June 23, by U. S. Engineer Office, Postal Bldg., Kansas City, 4,100 lin.ft. pile clump dikes on Missouri River, near here.

Colorado — Road — June 15, by J. W. Johnson, dist. engr. Bureau Pub. Roads, Dept. Agriculture, Custom House, Denver, grading, graveling, etc. 5.83 mi. Tennessee Pass, Surfacing Sect. Natl. Forest Road Project, Lake and Eagle Counties; also 2.25 mi. Independence Pass Coleman, Grade Sect. Natl. Forest Road Project, Pitkin Co.

Colorado—Roads—June 16, by J. W. Johnson, dist. engr. Bureau Pub. Rds., Dept. Agriculture, Custom House, Denver, grading and crushed rock surfacing 9.84 mi. Berthond Pass Surfacing Section Natl. Forest Park Project, Grand Co.; and 4.79 mi. Fremont Pass Climax-Kohoma Sect. Natl. Forest Road Project, Lake and Summit Counties.

Colorado—Road—June 16, by J. W. Johnson, dist. engr. Bureau Pub. Wks., Dept. Agriculture, Custom House, Denver, grading, etc., 2.42 mi. Fremont Pass Curtin-Frisco Sect., Natl. Forest Project, Summit Co.

Bids Received

Mass., Boston—Mezzanine—Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling mezzanine floor in U. S. Post Office, here, from A. J. Ross, 120 High St., $6,200. Noted May 20.

Mass., Lynn—Remodeling—Treas. Dept. at office Supervising Archt., Wash., D. C., May 27, remodeling and enlarging U. S. Post Office, here, from Garber & Cissel, Bethlehem, Pa., (1) $19,000 (2) $17,000. Noted May 13.

Pa., Phila.—Conduits, etc.—Treas. Dept. at office Supervising Archt., Wash., D. C., June 1, conduits, etc., at U. S. Mint, here, from Lerten Electric Co., 1019 Appletree St., $11,645; terrazzo floor also ceiling and ventilation, from English Constr. Co., 15 West 91st St., New York City, $9,779, alt. add $600, and $14,700 respectively; wood block floor, from A. N. Dobson, Wash., D. C., $10,600. Noted May 27.

D. C., Wash.—Sewer—Office Constructing Quartermaster, Munitions Bldg., May 27, sanitary sewerage system, at Bolling Field, from G. B. Mullin Co., Inc., 1236 Upshur St. N. W., $18,406. Noted May 6.

O., Dayton—Sewer—Constructing Quartermaster, storm water sewerage system, at Wright Field, here, from W. H. Boyd, Dayton, $29,776. Noted May 20.

Contracts Awarded

D. C., Wash.—Gate Chambers—U. S. Engineer Office, Navy Bldg., cross connection gate chambers and repairs to old conduit, to W. F. Brenizer Co., 101 New York Ave. N. E., $213,910. Noted Apr. 15.

D. C., Wash.—Pipe Line—U. S. Engineer Office, Navy Dept. Bldg., pipe line from old filtered water reservoir for Dist. Columbia Water Supply, to Lock Joint Pipe Co., Ampere, N. J., $99,920. Noted June 3.

Ga., Augusta—Recreation——U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., recreation building at U. S. Veterans Hospital 62, here, to A. C. Samford, 619 Shepherd Bldg., Montgomery, Ala., $85,500. Noted May 27.

O., Dayton—Sewer—Constructing Quartermaster, storm water sewerage system, at Wright Field, here, to W. H. Boyd, Reibold Bldg., $29,776. Noted May 20.

Michigan — Dredging — U. S. Engineer Office, Detroit, dredging in Saginaw Bay Channel, to Great Lakes Dredge & Dock Co., Williamson Bldg., Cleveland, O., $88,008. Noted May 6.

Illinois—Gravel, etc.—U. S. Engineer Office, 537 South Dearborn St., Chicago, gravel and sand at Chicago Harbor, to Constr. Materials Co., 133 West Washington St., Chicago, $11,900 and $4,810 respectively. Noted May 13.

Ill., Great Lakes (br. Waukegan)—Spec. 5209—Mezzanine— Bureau Yards & Docks, Navy Dept., Wash., D. C., mezzanine floor in storehouse, at Naval Training Station, here, to G. W. Thaxter, 712 Pine St., Waukegan, $8,331 (60 days). Noted May 27.

Wash., Easton—Canal—Bureau Reclamation, Ellensburg, for Kittitas Main Canal Div. 1, Yakima Project, near here, to General Constr. Co., Spokane Savings & Loan Bldg., Spokane, $244,293. Noted May 20.

Unclassified

Proposed Work

Stadium—Exeter, N. H.—Phillips Exeter Academy making preliminary plans stadium. $50,000 or more. J. R. Worcester Co., 79 Milk St., Boston, engr.

Transmission Line—Westmoreland, N. Y.—Utica Gas & Electric Co., 222 Genessee St., Utica, plans 5½ mi. transmission and distribution system, here.

Stadium — Chester, Pa. — Pennsylvania Military College having plans prepared by Ballinger Co., archts. and engrs., 125 Chestnut St., Phila., rein.-con., single deck stadium, 7,500 seating capacity, on College Grounds.

Transmission Line—North Carolina—Virginia Electric & Power Co., Richmond, Va., making preliminary surveys transmission line from Suffolk, Va., to Elizabeth City, Edenton and Hertford, here. L. C. Bradley, Richmond, Va., pres.

Transmission—North Carolina—Southern Power Co., 432 South Church St., Charlotte, plans 40 mi. power line from Winston-Salem to Elkin. W. S. Lee, ch. engr.

Telephone Trunk Line—North Carolina—Southern Bell Telephone Co., 67 Edgeworth Ave., Atlanta, Ga., plans 120 mi. telephone trunk line from Sanford to Charlotte, here. G. C. Cauthen, Raleigh, dist. mgr.

Brick Kiln — Gadsden, Ala. — Gadsden Clay Products Co. plans oblong brick kiln, 300,000 brick capacity.

Parks and Playgrounds—Rome, Ga.—See "Waterworks."

Tunnel—Tampa, Fla.—Tampa Gas Co., 201 Madison Ave., plans tunnel under Hillsboro River near Fortune St. Bridge. $160,000.

Culverts—Alabama and Mississippi—See "Railways."

Unclassified (Continued)

River Terminal — Baton Rouge, La. — Sons takes bids steel car float, concrete transfer platform, cranes, etc., for river and rail exchange, here. $200,000. Federal Barge Lines will operate same. W. F. Schultz, 871 Shrine Bldg., Memphis, Tenn., engr. Noted Apr. 1.

Elimination Grade Crossing — Memphis, Tenn.—City, Illinois Central R.R. Co., 135 East 11th Pl., Chicago, Ill., A. F. Blaess, ch. engr., Louisville & Nashville R.R. Co., Louisville, Ky., W. H. Courtnay, ch. engr., Nashville, Chattanooga & St. Louis R.R. Co., 930 Bway., Nashville, Tenn., H. McDonald, ch. engr. and Union R.R. Co., plan elimination of grade crossing at Poplar Blvd., by constructing Aulon Subway or viaduct, 22 ft. $300,000-$400,000. W. B. Fowler, city engr.

Swimming Pool — Chicago, Ill. — See "Buildings—Commercial."

Animal Cages, etc.—Riverside, Ill.—See "Buildings—Commercial."

Swimming Pool — Detroit, Mich. — See "Buildings—Commercial."

Grain Elevator — Amery, Wis. — See "Buildings—Industrial."

Street Lighting System—St. Louis, Mo.—Business Men, c/o S. B. Lovejoy, executive secy., 1086 Arcade Bldg., soon take bids street lighting system on Grand Blvd. north and south of Olive St., 112 steel standards, etc. Noted May 20.

Pipe Line — Texas — Humble Oil Co., Humble Oil Co. Bldg., Houston, making preliminary surveys, etc., 8 in. pipe line from Bruni in Webb Co. to tidewater at Ingleside. $1,000,000. Private plans.

Electric Light and Power Line—Texas—Western Pub. Serv. Co., c/o S. R. Hereford, supt., Conroe, making preliminary plans 16 mi. high voltage electric light and power line from Conroe to Willis. $35,000. Private plans.

Land Development—Corpus Christi, Tex.—H. H. Friar, 1408 Mesquite, and C. K. Cook, et al, making plans developing 172 acre subdivision, incl. sewers, waterworks, paving, etc. $150,000. Private plans.

Facade—San Francisco, Calif.—City and San Francisco Co. making plans Civic Center Facade at Fulton St. approach. $150,000. J. Reid, Jr., city archt.

Light and Power Lines—Riverside, Ont.—Town Council plans extending street light and power lines on various streets. $25,000.

Electric Sub-Station — Sudbury, Ont. — Making plans electric sub-station, building $15,000, equipment $19,000 distribution and street lighting lines $18,000. P. J. O'Gorman, Stafford Blk., archt.

Switchboard—Toronto, Ont.—Plans new switchboard for controlling motor driven pumps in main pumping station. $60,000. R. C. Harris, City Hall, engr.

Mausoleum — Woodstock, Ont. — Canada Mausoleums Ltd., Metropolitan Bldg., Toronto, having plans prepared by Cameron & Ralston, Bartlett Bldg., Windsor, stone and concrete mausoleum, here. $150,000.

Transmission Line — Winnipeg, Man. — Dept. Pub. Wks., plans 100 mi. transmission line. $250,000.

Transmission Line — New Brunswick — New Brunswick Electric Power Comn., St. John, soon takes bids 10 mi. transmission line from Moncton to Shediac. S. R. Weston, ch. engr.

Wharf—Sydney, N. S.—Dept. Pub. Wks., Ottawa, soon take bids wharf, here. $75,000.

Bids Desired

Conduits, etc.—Arlington (br. Boston), **Mass.**—See "Contracts Awarded."

Heating System—Boston, Mass.—June 14, by Schoolhouse Dept., heating systems in Old Everett School, Willis St., Dorchester, and Trescott School, Rosemont St., Hyde Park. $25,000. F. E. Slattery, chn.

Heating and Ventilating System—Foxboro, Mass. — June 22, by Dept. Mental Diseases, State House, Boston, heating and ventilating system in Foxboro State Hospital Building 12, here. $25,000. G. M. Kline, comr.

Bulkhead — New Bedford, Mass. — June 22, at office G. H. Nye, city engr., 302 Munfcipal Bldg., timber and rip rap bulkhead, etc.; adv. E. N.-R. June 10.

Coal Pocket—Somerville (Boston P. O.), **Mass.**—See "Contracts Awarded."

Boilers, etc. — Watertown (Ind. br. Boston) **Mass.** — See "Buildings — Industrial."

Swimming Pool — Wrentham, Mass. — A. L. Putnam, c/o Metcalf & Eddy, engrs., 14 Beacon St., Boston, taking bids concrete swimming pool. $25,000.

Tow Boat—Albany, N. Y.—June 15, by T. F. Farrell, supt. Bureau Canals, Dept. Pub. Wks., steel screw motor tow boat, at Barge Canal Terminal. Noted June 3.

Ferryboats—New York, N. Y.—June 21, by A. Goldman, comr. Plant & Structures, Municipal Bldg., steel screw ferry boats.

Borings, etc.—Phila., Pa.—See "Sewers."

Causeway — Miami, Fla. — June 15, by Comrs. Dade Co., concrete bulkheading, filling for roadway and bridge work for new 79th St. causeway to Miami Beach.

Running Tracks, etc.—Rocky River, O.—June 22, by Bd. Educ., E. R. Sisson, clk., removing 5,000 cu.yd. dirt, constructing 2 running tracks, 220 ft. long, 30 ft. wide and ¼ mi. x 24 ft. wide, etc. E. H. Arnold, Town Hall, engr.

Lighting System—Chicago, Ill.—June 17, by City, Room 406 City Hall, furnishing, delivering and erecting complete lighting system for section Municipal Landing Field, at 63rd St. and Cicero Ave. A. A. Sprague, comr. Pub. Wks.

Transmission Line—Wisconsin—Wisconsin Power & Light Co., 16 North Carroll St., Madison, taking bids 7 mi. new and reconstructing 8 mi. transmission line between Verona and Belleville. E. J. Kallevany, c/o owner, engr.

Salt Mine — Texas — See "Contracts Awarded."

Bids Received

Station Finish—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 40 Lafayette St., June 7, station finish work, at Times Square Station, of Rapid Transit R.R., from M. F. Kelly Building Corp., 3851 Grand Central Terminal, $179,708. Noted May 27.

Ornamental Lighting System—Los Angeles, Calif. — Supervs. Los Angeles Co., May 24, 103 pressed steel standards on Melrose and Clinton Aves., from G. W. Kemper, P. O. Box 196, Alhambra, $31,998. Engrs. est. $29,428. Noted May 13.

Contracts Awarded

Shore Protection — Massachusetts—Metropolitan Dist. Comn., 1 Ashburton Pl., Boston, improving Highway-Hancock St., Quincy Shore Reservation, to P. Caputo, 424 Hanover St., Boston, $23,333. Engrs. est. $25,000. Noted Apr. 29.

Conduits, etc.—Arlington (br. Boston), **Mass.** — New England Telephone & Telegraph Co., 50 Oliver St., Boston, will build underground conduits, underground cables and aerial cables. $46,550. Work will be done by day labor. Private plans.

Arena—Boston, Mass.—Boston Arena Co., 26 Pemberton Sq., Boston, 1 story, brick addition, St. Botolf St., to F. T. Ley Co., 230 Boylston St. Archts. est. $40,000. Noted Apr. 15.

Coal Pocket—Somerville (Boston P. O.), **Mass.** — Adams Wood & Coal Co., 277 Beacon St., will build 1 story coal pocket, 10,000 sq.ft. floor space, rein.-con. and timber. Work will be done by separate contracts. $40,000. Private plans.

Heating and Ventilating System—West Newton (Ind. br. Boston), **Mass.**—City of Newton, heating and ventilating system in Junior High School, here, to J. S. Cassedy, 133 Austin St., Cambridge, $61,700. Noted May 20.

Fill—Corona (Ind. sta. Flushing), **N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., furnishing and placing fill in Corona Yards, Roosevelt Ave., etc., to Welch Bros. Contg. Co., 14 Queens St., Long Island City, $26,180. Noted June 3.

Foundation, etc.—New York, N. Y.—B. M. Patten, comr. Public Markets, Municipal Bldg., viaduct foundations, ramp floors, etc., at Bronx Municipal Market, Exterior and 151st Sts., to C. Meads & Co., 217 West 14th St., $989,000. Noted May 6.

Tracking, etc.—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., installing tracks in part Queensboro Subway line, to Slattery Eng. & Constr. Co., 10 East 43rd St., $31,191. Noted June 3.

Track Elevation — Phila., Pa. — See "Streets and Roads."

Tunnel—West Phila. (sta. Phila.), **Pa.**—Pennsylvania R.R. Co., Broad St. Sta., Phila., reconstructing and enlarging double-track tunnel under 32nd St., here, etc., carrying tracks to Wilmington, Baltimore, Washington and Octoraro Branches, etc., to Keystone State Constr. Co., Franklin Bank Bldg., Phila. Total cost incl. work to be done by day labor. $1,000,000.

Plumbing—Chicago, Ill.—Comrs. Cook Co. plumbing contract for Cook County Hospital addition, to Hanley & Co., 6 North Clark St., $240,396. Noted Apr. 29.

Salt Mine—Texas—Texas Salt Co., c/o G. Leland, mgr., Houston, will build plant for mining 150 tons rock salt per hr., incl. hoisting machine, air compressors, etc., by day labor. $150,000. Private plans. Contract for rein.-con. line shaft, 30 ft. diam., about 150 ft. deep, to Foundation Co., 120 Liberty St., New York City.

Storage Tanks—Plainview, Tex.—Harvest Queen Mill & Elevator Co., Inc., 8 rein.-con. storage tanks, to Southwestern Eng. Co., Plainview, approximately $100,000.

Police Signal System—Montreal, Que.—Corporation, police signal system, to Northern Electric Co. Ltd., 121 Shearer St., $168,452.

Grain Elevator—Calgary, Alta.—Dept Natural Resources, Canadian Pacific Ry. Co., grain elevator and flour mill, to Bennett & White, Calgary.

Materials

Bids Desired

Lumber, etc.—New York, N. Y.—June 16, by P. J. Dooling, comr. Purchase, Municipal Bldg., furnishing lumber and paving blocks to Police Dept., Depts. Parks, Manhattan, Plant & Structure, Pub. Welfare, and Water Supply, Gas & Electricity.

Frogs, Switches, etc.—Phila., Pa.—June 15, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., 17th and Filbert Sts., frogs, switches, guard rails, etc. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Gravel—Louisiana—June 29, by State Hy. Comn., Baton Rouge, approximately 6,227 cu.yd. washed and screened gravel, at Torras, for Kellers Lane-Simmesport Highway, State Highway Project 90-D, Pointe Coupee Parish. W. B. Robert, Reymond Bldg., Baton Rouge, highway engr.

Cement, etc.—New Orleans, La.—June 29 by W. J. Legier, city purch. agt., City Hall, 6 cars Portland cement in sacks, mazda lamps for all city departments, etc., for 6 months period.

Cement, Steel, etc.—Tomahawk, Wis.—W. E. Brooks, genl. mgr. Wisconsin Valley Impvt. Co., 1st. Natl. Bank Bldg., Wausau, in market approximately 3,500 bbl. cement, reinforcing, gates and gate hoists for storage dam, near here.

Reinforcing Bars—Mason City, Ia.—June 15, at office Auditor Cerro Gordo Co., 80,000 lb. ⅝ in. round reinforcing bars. R. E. Robertson, Mason City, engr.

Piles—Los Angeles, Calif.—June 16, by Harbor Comn., Sect. "A" Douglas fir creosoted piling, 4 pcs. 54 ft., 73 pcs. 56 ft., 65 pcs. 58 ft., 64 pcs. 60 ft., 128 pcs. 64 ft., 134 pcs. 66 ft., and 132 pcs. 68 ft., 68 ft. lengths, Sect. "B" for Stock, 30 pcs. 54 ft., 30 pcs. 56 ft., 50 pcs. 58 ft., 50 pcs. 60 ft., 30 pcs. 66 ft., and 15 pcs. 68 ft.

Castings, etc. — Welland, Ont. — Lyall Constr. Co., Ltd., 5000 Western St., Montreal, Que., in market 20,000 tons of metal construction of which 16,000 tons to be castings, for Welland Canal, here.

Contracts Awarded

Coal Tar Patching—Boston, Mass.—City, Supply Dept., coal tar patching for ensuing year, to Independent Coal Tar Co., 88 Broad St., $28.89 per ton. Noted May 13.

Cement—Albany, N. Y.—Albany Port Dist. Comn., 100 State St., 10,000 bbls. cement for wharf construction at Westerlo Island, to P. E. McCable, 28 Williams St., at $2.72 per bbl. Noted May 13.

Castings—New York, N. Y.—J. Miller, pres. Manhattan Boro, Municipal Bldg., steel castings to Corporation Yards, here, to Detroit Steel Castings Co., 227 Fulton St., Brooklyn, $5,187. Noted May 13.

Oil—Trenton, N. J.—To Barrett Paving Co., Trenton Trust Bldg., 8,000 gal. oil for parks at $0.2998 per gal.; 8,000 gal. tar $0.128, 30,000 gal. asphaltic oil $0.1485, 1,500 tons slag, $3.55, and 20,000 gal. tar $0.148.

Manhole Covers and Frames—Baltimore, Md. — Manhole covers and frames, to Frederick Iron Co., Frederick, No. 2 $20,064; and to J. J. Lacy Co., 1401 Block St., Baltimore, No. 1 $17,898.

See proposal advertising on page 145

Constr. News page 377

Aluminum Paint Protects and Beautifies this Factory Interior

Interior Weston Electrical Instrument Corporation, Newark, N. J.

AMONG the first important manufacturing concerns in this country to realize—and profit by—the reflective and protective value of Aluminum Paint was the Weston Electrical Instrument Corporation.

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